

	DE CLERCQ, Erik, Désiré, Alice
Citizenship	Belgian
Place & Date of Birth	Dendermonde, Belgium, 28 March 1941
Marital Status	Married (to Lili De Nef), 31 August 1968
Children	One son (Rafaël, born 9 May 1975)
Military Status (Belgian Army)	Geneesheer-reserve-onderluitenant (1973), Geneesheer-reserveluitenant (1976), Geneesheer-reservekapitein (1979), Geneesheer-reservecommandant (1982), Geneesheer-reservemajoor (1991), Ere-(Reserve)majoor-Geneesheer (1999)
Nationale Orden (Koninkrijk België)	Ridder in de Kroonorde (1985), Ridder in de Leopoldsorde (1990), Officier in de Kroonorde (1995), Officier in de Leopoldsorde (1998), Groot officier In de Kroonorde (2004)

Education

1953-1959	Grieks-Latijnse Humaniora, Heilige Maagdcollège, Dendermonde, Belgium. Summa cum laude, "Primus perpetuus".
1959-1962	"Kandidaat" in Medical Sciences, Katholieke Universiteit Leuven, Belgium. Summa cum laude.
1962-1966	M.D. (Doctor in Medicine), Katholieke Universiteit Leuven, Belgium. Summa cum laude.
1962-1967	"Licenciaat" (Master) in Medical Sciences, Katholieke Universiteit Leuven, Belgium. Summa cum laude.
1966-1970	Specialization in Clinical Biology, Licensed to practise Clinical Biology since August 1971.
February 1972	Ph.D. ("Geaggregeerde voor het Hoger Onderwijs in de Geneeskunde"), Katholieke Universiteit Leuven, Belgium.

Professional Positions

1966-1967	Junior Research Assistant of the National Fund for Scientific Research (Belgium), Laboratorium of Virology, Rega Institute for Medical Research, Katholieke Universiteit Leuven, Belgium.
1967-1968	Research Assistant of the National Fund for Scientific Research (Belgium), Laboratorium of Virology, Rega Institute for Medical Research, Katholieke Universiteit Leuven, Belgium.
1968-1969	Lilly International Fellow, Research Assistant of the National Fund for Scientific Research (Belgium), Division of Infectious Diseases, Department of Medicine, Stanford University Medical School, Stanford, California, USA.
1969-1970	Damon Runyon Fellow for Cancer Research, Senior Research Assistant of the National Fund for Scientific Research (Belgium), Division of Infectious Diseases, Department of Medicine, Stanford University Medical School, Stanford, California, USA.

- 1970-1972 Senior Research Assistant of the National Fund for Scientific Research (Belgium), Laboratorium of Virology, Rega Institute for Medical Research, Katholieke Universiteit Leuven, Belgium.
- 1972-1975 "Docent" at the Katholieke Universiteit Leuven, Belgium.
- 1975-1977 Professor ("Hoogleraar") at the Katholieke Universiteit Leuven, Belgium.
- 1977-present Full-Professor ("Gewoon Hoogleraar") at the Katholieke Universiteit Leuven, Belgium.

Awards and Honors

- 1966 Specia Award (Paris, France).
- 1968 Lilly International Fellowship (USA).
- 1969 Damon Runyon Fellowship for Cancer Research (USA).
- 1971 "R. Reding" Award ("Liga ter Voorkoming van Kanker", Brussels, Belgium).
- 1973 Academy "Cornélis-Lebègue" Award ("Académie Royale de Médecine de Belgique").
- 1974 Academy "Schamelhout-Koettlitz" Award ("Koninklijke Academie voor Geneeskunde van België").
- 1977 Triennial Award of the "Vlaamse Leergangen" ("Katholieke Universiteit Leuven") for Biomedical Sciences.
- 1979 G. Zambon Benelux Award (Inpharzam, Milan, Italy).
- 1984 Triennial Award of the Belgian League against Poliomyelitis (Study Center Princess Joséphine-Charlotte, National Fund for Scientific Research, Belgium).
- 1987 Assubel Award (Assubel, 2e Prijs) (Brussels, Belgium).
- 1987 Koninklijke Academie voor Geneeskunde van België, Binnenlands Corresponderend Lid.
- 1990 "Hamao Umezawa" International Award for Chemotherapy.
- 1990 Prix Charles Mentzer (Société de Chimie Thérapeutique, France).
- 1994 Koninklijke Academie voor Geneeskunde van België, Titelvoerend Lid.
- 1994 Fellow of the American Association for the Advancement of Science (AAAS).
- 1996 Hoechst Marion Roussel Award (American Society for Microbiology).
- 1996 GlaxoWellcome Award (Infectious Diseases Society of the Netherlands and Flanders)
- 1997 Award "Dr. Edouard Delcroix" (Institute for Marine Scientific Research, Belgium).
- 1997 Honorary Doctor (Doctor Honoris Causa), Universiteit Gent (Belgium).
- 1997 J.E. Purkyne Honorary Medal for Merit in the Biological Sciences, Academy of Sciences of the Czech Republic.
- 1997 Doctor honoris causa (Honorary Doctor), University of Athens, Greece.
- 1998 Award for Excellence in Scientific Research, International Society for Antiviral Research.
- 1998 Fellow of the Infectious Diseases Society of America.

- 2000 ISI Citation Classic: most highly cited paper in Flanders and Belgium.
His paper "Toward improved anti-HIV chemotherapy: therapeutic strategies for intervention with HIV infections", published in 1995 in Journal of Medicinal Chemistry was recognized by ISI (Institute of Scientific Information) as a citation classic: it was the most highly cited paper in Belgium and Flanders in the field of clinical medicine for the period 1995-1999.
- 2000 W.Th. Nauta Award for Pharmacochimistry (European Federation of Medicinal Chemistry).
- 2000 Doctor honoris causa (Honorary Doctor), University of Ferrara, Italy.
- 2000 Maisin Award for Fundamental Biomedical Sciences (Nationaal Fonds voor Wetenschappelijk Onderzoek).
- 2001 Otto Kraye Award for Pharmacology (American Society of Pharmacology and Experimental Therapeutics).
- 2001 Hamao Umezawa Memorial Award (International Society of Chemotherapy).
- 2001 René Descartes Prize 2001 (European Union) for Scientific and Technological Excellence in European Collaborative Research, awarded to Jan Balzarini and Erik De Clercq, and their collaborators A. Holý (Prague), M.-J. Camarasa (Madrid), C. McGuigan (Cardiff), A. Karlsson (Stockholm) and C.-F. Perno (Rome).
- 2002 Honorary (Foreign) Member of the Bulgarian National Academy of Medicine.
- 2003 Plaque of Recognition of Contributions of Erik De Clercq and Antonin Holý in the discovery of the acyclic nucleoside phosphonates (Gilead Board of Directors).
- 2003 Blaise Pascal Medal for Science and Technology (European Academy of Sciences).
- 2004 Gertrude Elion Distinguished Lecture Award, HIV DART 2004, Frontiers in Drug Development for Antiretroviral Therapies".
- 2005 Gertrude ("Trudy") Elion Award (International Society for Antiviral Research).
- 2005 Professor "honoris causa" (Honorary Professor), Shandong University, Jinan, P.R. China.
- 2006 Award Lecture, European Association for Vision and Eye Research (EVER) 1971-1997
- 2007 Doctor honoris causa, Charles University Prague (Universitas Carolina Pragensis) (Czech Republic).

Honorary Professorships

- Distinguished Lecturer in Biomedical Sciences, University of South Carolina, Columbia, South Carolina, USA (June 1990).
- Wellcome Visiting Professor in Microbiological Sciences, University of South Carolina, Columbia, South Carolina, USA (academic year 1990/1991).
- Francqui Chair Titular ("Titularis Binnenlandse Francqui Leerstoel"), Universiteit Antwerpen, Belgium (academic year 1990-1991).

- Prof. P. De Somer Chair (“Leerstoel”) for Microbiology, Katholieke Universiteit Leuven, Belgium (1995 -).
- Sir Henry Hallett Dale Visiting Professor, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA (March 1998).
- Honorary Lecture Chair, National Science Council, Taipei, Taiwan (Republic of China), (1998).
- Burroughs Wellcome Fund (BWF) Visiting Professor in the Microbiological Sciences, Northern Arizona University, Flagstaff, Arizona, USA (2000-2001).
- Francqui Chair Titular (“Chaire Francqui au titre belge”), Université Catholique de Louvain (UCL), Belgium (academic year 2002-2003).
- Honorary Professor, Institute of Medicinal Chemistry, School of Pharmaceutical Science, Shandong University, Jinan, P.R. China (9,10 November 2005).

Special recognitions

Special Issue of Antiviral Research, 71: 75-414 (2006) dedicated to Professor Erik De Clercq on the occasion of reaching the status of Emeritus-Professor at the K.U.Leuven, Belgium

- R. Pauwels. Antiviral Res., 71: 77-89 (2006).
 B. Öberg. Antiviral Res., 71: 90-95 (2006).
 G. Andrei. Antiviral Res., 71: 96-107 (2006).
 A. Billiau. Antiviral Res., 71: 108-116 (2006).
 D.D. Richman. Antiviral Res., 71: 117-121 (2006).
 S.F. Wnuk & M.J. Robins. Antiviral Res., 71: 122-126 (2006).
 H.J. Field, S. Biswas & I.T. Mohammad. Antiviral Res., 71: 127-133 (2006).
 B. Golankiewicz & T. Ostrowski. Antiviral Res., 134-140 (2006).
 R.J. Whitley. Antiviral Res., 71: 141-148 (2006).
 C. McGuigan & J. Balzarini. Antiviral Res., 71: 149-153 (2006).
 K.K. Biron. Antiviral Res., 71: 154-163 (2006).
 E.R. Kern. Antiviral Res., 71: 164-171 (2006).
 L. Lenaerts & L. Naesens. Antiviral Res., 71: 172-190 (2006).
 R. Snoeck. Antiviral Res., 71: 181-191 (2006).
 P.D. Griffiths. Antiviral Res., 71: 192-200 (2006).
 X. Fan, X. Zhang, L. Zhou, K.A. Keith, E.R. Kern & P.F. Torrence. Antiviral Res., 71: 201-205 (2006).
 F. Zoulim. Antiviral Res., 71: 206-215 (2006).
 D. Schols. Antiviral Res., 71: 216-226 (2006).
 M.N. Preobrazhenskaya & E.N. Olsufyeva. Antiviral Res., 71: 227-236 (2006).
 J. Balzarini. Antiviral Res., 71: 237-247 (2006).
 A. Holý. Antiviral Res., 71: 248-253 (2006).
 W.A. Lee & J.C. Martin. Antiviral Res., 71: 254-259 (2006).
 M.-J. Camarasa, S. Velázquez, A. San-Félix, M.-J. Pérez-Pérez & F. Gago. Antiviral Res., 71: 260-267 (2006).
 V.E. Marquez, S.H. Hughes, S. Sei & R. Agbaria. Antiviral Res., 71: 268-275 (2006).
 C. Mathé & G. Gosselin. Antiviral Res., 71: 276-281 (2006).
 C. Meier & J. Balzarini. Antiviral Res., 71: 282-292 (2006).
 C.F. Perno, V. Svicher, D. Schols, M. Pollicita, J. Balzarini & S. Aquaro. Antiviral Res., 71: 293-300 (2006).
 M. Baba. Antiviral Res., 71: 301-306 (2006).
 A. Van Aerschot. Antiviral Res., 71: 307-316 (2006).
 P. Herdewijn. Antiviral Res., 71: 317-321 (2006).
 R.F. Schinazi, B.I. Hernandez-Santiago & S.J. Hurwitz. Antiviral Res., 71: 322-334 (2006).
 J. Vercauteren & A.-M. Vandamme. Antiviral Res., 71: 335-342 (2006).
 J. Martinez, P. Coplan & M.A. Wainberg. Antiviral Res., 71: 343-350 (2006).
 Z. Huang, M.G. Murray & J.A. Secrist III. Antiviral Res., 71: 351-362 (2006).

J. Neyts. *Antiviral Res.*, 71: 363-371 (2006).
 F.G. Hayden. *Antiviral Res.*, 71: 372-378 (2006).
 R.W. Sidwell & D.L. Barnard. *Antiviral Res.*, 71: 379-390 (2006).
 A.K. Patick. *Antiviral Res.*, 71: 391-396 (2006).
 B.L. Haagmans & A.D.M.E. Osterhaus. *Antiviral Res.*, 71: 397-403 (2006).

Membership in Professional Societies

Academia Europaea (since 1989).
 American Association for the Advancement of Science (since 1969).
 American Association for Cancer Research (since 1974).
 American Association of Immunologists (since 1974).
 American Chemical Society, Division of Biological Chemistry (since 1985).
 American Chemical Society, Division of Medicinal Chemistry (since 1985).
 American Federation for Medical Research (formerly: American Federation for Clinical Research) (since 1970).
 American Society for Microbiology (since 1969).
 American Society for Pharmacology and Experimental Therapeutics (Regular Member) (since 1982).
 American Society of Tropical Medicine and Hygiene (since 1999).
 Belgian Society of Biochemistry and Molecular Biology (since 1972).
 Belgian Society for Microbiology (since 1998).
 Belgian Immunological Society (since 1977).
 Biochemical Society (UK) (since 1981).
 European Academy of Sciences (since 2003).
 European AIDS Clinical Society (since 1999).
 European Association for Vision and Eye Research (since 1998).
 European Society for Biochemical Pharmacology (since 1977).
 European Society of Chemotherapy (Infectious Diseases) (since 1992).
 European Society of Clinical Microbiology (since 1988).
 European Society for Clinical Virology (since 1997; corresponding member since 2001).
 European Society for Engineering and Medicine (since 1994).
 Federation of American Societies for Experimental Biology (FASEB) (since 1982).
 HIV Medicine Association (since 2001).
 Infectious Diseases Society of America (since 1998).
 Infectious Diseases Society of the Netherlands and Flanders (since 1976).
 Inter-American Society for Chemotherapy (since 1985).
 International AIDS Society (since 1995).
 International Cytokine Society (since 1998).
 International Immunocompromised Host Society (since 1988).
 International Pharmaceutical Federation (since 1993).
 International Society for Antiviral Research (Founder Member of the Board of Directors of the Society in 1987; re-elected to the Board of Directors 1995, 1998).

International Society for Immunopharmacology (since 1991).
 International Society for Infectious Diseases (since 1991).
 International Society for Interferon and Cytokine Research (since 1992).
 International Society for Nucleosides, Nucleotides and Nucleic Acids (since 2001).
 International Society of Chemotherapy (since 1980).
 Nederlandse Vereniging voor Microbiologie (since 1972).
 Nederlandse Vereniging voor Farmaceutische Wetenschappen (since 1988).
 New York Academy of Sciences (since 1980).
 Paul-Ehrlich-Society for Chemotherapy (since 1986).
 Society for Leukocyte Biology (formerly: Reticuloendothelial Society) (USA) (since 1970).
 Société Française de Thérapeutique et de Pharmacologie Clinique (since 1990).
 Society for Medicines Research (UK) (since 1990).
 Society for Experimental Biology and Medicine (USA) (since 1970).
 Society for General Microbiology (UK) (since 1971).

Advisory Activities

- Advisor to NATO on proposals for NATO Advanced Study Institutes, NATO Advanced Research Workshops and NATO Collaborative Research Grants (NATO Scientific Affairs Division) (since 1979).
- Reviewer (Referee) for proposals submitted to :
 - Alberta Heritage Foundation for Medical Research
 - The Israel Science Foundation (Israel Academy of Sciences and Humanities)
 - Commission of the European Communities
 - Fonds zur Förderung der wissenschaftlichen Forschung (Austria)
 - Health, Welfare and Food Bureau, Hong Kong Government
 - Institut National de la Santé et de la Recherche Médicale (France)
 - International Foundation for Science (Sweden)
 - Medical Research Council (Canada)
 - Medical Research Council (UK)
 - Medical Research Council (MRC) AIDS Directed Programme (UK)
 - Natural Sciences and Engineering Research Council (Canada)
 - National Science Foundation (USA)
 - Research Council of the Research Fund for the Control of Infectious Diseases (RFCID), Hong Kong, People's Republic of China
 - Stichting Koningin Wilhelmina Fonds (Netherlands Cancer Foundation)
 - The Wellcome Trust (London, UK)
 - The Israeli-German Cooperation Program in Cancer Research
 - Istituto Pasteur-Fondazione Cenci Bolognetti (Rome, Italy)

- Member, World Health Organization (WHO) Expert Advisory Panel on Virus Diseases (since 1981).
- Member, Organizing Committee, First International Conference on Antiviral Research, April 30-May 3, 1985, Rotterdam, The Netherlands.
- Member, International Advisory Committee, Seventh International Congress of Virology, August 9-14, 1987, Edmonton, Alberta, Canada.
- Member, Advisory Group on Antiviral Therapy, British Bio-technology Limited (1987-).
- Member, Board of Advisors for the London Biomedical Centre (1988-).
- Member, Program Advisory Committee, Bayer Centenary Conference on a Second Century of Anti-Infective Chemotherapy (1987).
- Member, Organizing Committee, Second International Conference of Anticancer Research, October 11-15, 1988, Saronis, Greece.
- Member, International Advisory Committee, Second International Conference on Antiviral Research, April 10-14, 1988, Williamsburg, Virginia, USA.
- Member, International Advisory Committee, Fourth International Congress on AIDS, June 12-16, 1988, Stockholm, Sweden.
- President-Elect, International Society for Antiviral Research (1988-1990).
- President, International Society for Antiviral Research (1990-1992).
- Past-President, International Society for Antiviral Research (1992-1994).
- Member, AIDS Council of Belgium (Hoge Raad voor de Coördinatie van de AIDS Bestrijding), Brussels, Belgium (1990-).
- Member, Organizing Committee, Third International Conference on Antiviral Research, April 22-27, 1990, Brussels, Belgium.
- Member, Organizing Committee, Third International Conference on Anticancer Research, October 16-20, 1990, Marathon, Greece.
- Member, Organizing Committee, Fourth International Conference on Antiviral Research, April 21-26, 1991, New Orleans, Louisiana, USA.
- Member, International Programme Committee, Seventh International Conference on AIDS, June 16-21, 1991, Florence, Italy.
- Member, International Advisory Committee, Third International Symposium on Molecular Aspects of Chemotherapy, June 19-20, 1991, Gdansk, Poland.
- Member, Organizing Committee, Fifth International Conference on Antiviral Research, March 8-13, 1992, Vancouver, British Columbia, Canada.
- Member, Scientific Committee, Tenth Future Trends in Chemotherapy, Interdisciplinary World Congress on Antimicrobial and Anticancer Drugs, March 30-April 1, 1992, Geneva, Switzerland.
- Member, International Organizing Committee, Fifth International Antiviral Symposium, June 21-25, 1992, Seoul, Korea.

- Member, International Program Committee, Eighth International Conference on AIDS (Harvard-Amsterdam Conference), July 19-24, 1992, Amsterdam, The Netherlands.
- Member, International Scientific Committee, International Symposium on Research of Antiviral Drugs, November 5-7, 1992, Beijing, China.
- Member, International Organizing Committee, Fourth International Cytomegalovirus Conference, April 18-21, 1993, Pasteur Institute, Paris, France.
- Member, Organizing Committee, Sixth International Conference on Antiviral Research, April 25-30, 1993, Venice, Italy.
- Consultant, Keystone Symposia on Molecular and Cellular Biology, 1993, Los Angeles, California, USA.
- Member, Organizing Committee, Seventh International Conference on Antiviral Research, February 27-March 4, 1994, Charleston, South Carolina, USA.
- Member, Scientific Committee, Eleventh Future Trends in Chemotherapy, Interdisciplinary World Congress on Antimicrobial and Anticancer Drugs, April 24-27, 1994, Geneva, Switzerland.
- Member, Local Organizing Committee, VIth International Antiviral Symposium, Clinical, Pharmacological and Basic Aspects, June 7-9, 1994, Acropolis, Nice, France
- Member, International Program Committee, Tenth International Conference on AIDS (International Conference on STD), August 7-12, 1994, Yokohama, Japan.
- Chairman, Organizing Committee, Eleventh International Round Table on Nucleosides, Nucleotides and their Biological Applications, September 7-11, 1994, Leuven, Belgium.
- Member, International Organizing Committee, Second Meeting of the European Society of Chemotherapy (Infectious Diseases), September 22-24, 1994, Coimbra, Portugal.
- Member, International Advisory Board, Seventh International Conference of Comparative and Applied Virology, October 12-17, 1994, Montreal, Quebec, Canada.
- Member, Organizing Committee, Eighth International Conference on Antiviral Research, April 23-28, 1995, Santa Fe, New Mexico, USA.
- Member, International Organizing Committee, Fifth International Cytomegalovirus Conference, May 21-24, 1995, Karolinska Institute, Stockholm, Sweden.
- Member, Advisory Board, International Conference on Ocular Infections, June 18-22, 1995, Jerusalem, Israel.
- Member, Scientific Committee, Fourth International Workshop on HIV Drug Resistance, July 6-9, 1995, Sardinia, Italy.
- Member, Organizing Committee, Fifth International Conference of Anticancer Research, October 17-22, 1995, Corfu, Greece.
- Member, International Organizing Committee, The Kagoshima International Symposium on Oncovirus Diseases of the Upper Aero-Digestive Tract, November 2-3, 1995, Kagoshima, Japan.
- Member, Scientific Committee, First European Conference on Experimental AIDS Research (ECEAR), March 27-30, 1996, Cannes, France.

- Member, Organizing Committee, Ninth International Conference on Antiviral Research, May 19-24, 1996, Urabandai, Fukushima, Japan.
- Member, Scientific Committee, Fifth International Workshop on HIV Drug Resistance, July 3-6, 1996, Whistler, British Columbia, Canada.
- Member, International Program Committee, Eleventh International Conference on AIDS, July 7-12, 1996, Vancouver, Canada.
- Member, International Scientific Committee, International Conference on Herpes Viruses and Genital Pathology [EUROGIN (European Research Organization on Genital Infection and Neoplasia)], October 23-25, 1996, Paris, France.
- Member, Organizing Committee, Seventh International Antiviral Symposium, February 16-19, 1997, Sydney, Australia.
- Member, Scientific Committee, International Conference on HIV and Iron, March 14-15, 1997, Brugge, Belgium.
- Member, International Scientific Committee, Third International Congress on Lower Genital Tract Infections and Neoplasia, EUROGIN, March 25-28, 1997, Paris, France.
- Member, Organizing Committee, Tenth International Conference on Antiviral Research, April 6-11, 1997, Atlanta, Georgia, USA.
- Member, Scientific Committee, Eleventh Noordwijkerhout-Camerino Symposium on Trends in Drug Research, May 11-15, 1997, Noordwijkerhout, The Netherlands.
- Member, Scientific Committee, Second European Conference on Experimental AIDS Research (ECEAR), May 31-June 3, 1997, Stockholm, Sweden.
- Member, Scientific Committee, International Workshop on HIV Drug Resistance, Treatment Strategies and Eradication, June 25-28, 1997, St. Petersburg, Florida, USA.
- Member, Scientific Committee, Third European Conference on Experimental AIDS Research (ECEAR), February 28-March 3, 1998, Munich, Germany.
- Member, Organizing Committee, Eleventh International Conference on Antiviral Research, April 5-10, 1998, San Diego, California, USA.
- Member, Scientific Committee, Second International Workshop on HIV Resistance and Treatment Strategies, June 24-27, 1998, Baveno (Lago Maggiore), Italy.
- Member, Program Committee, Second International Conference on Ocular Infections, August 22-26, 1998, Munich, Germany.
- Member, Organizing Committee, Twelfth International Conference on Antiviral Research, March 21-25, 1999, Jerusalem, Israel.
- Member, Scientific Advisory Committee, Eighth Cyprus Conference on New Methods in Drug Research, April 25-30, 1999, Limassol, Cyprus.
- Member, International Advisory Board, Fourth European Conference on Experimental AIDS Research (ECEAR), June 18-21, 1999, Tampere, Finland.
- Member, Scientific Committee, Third International Workshop on HIV Drug Resistance and Treatment Strategies, June 23-26, 1999, Rancho Bernardo Inn, San Diego, California, USA.

- Member, International Advisory Committee, Seventh International Symposium on Molecular Aspects of Chemotherapy, September 8-11, 1999, Gdansk, Poland.
- Member, Scientific Advisory Board of the Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic (since 1999).
- Member, International Scientific Advisory Committee, Second International Symposium of Antiviral Drugs, November 5-7, 1999, Beijing, China.
- Member, Organizing and Scientific Advisory Committee, 8th Biennial Conference on Antiinfective Agents and Chemotherapy, March 12-15, 2000, Munich, Germany.
- Member, Scientific Program Committee, Second International Conference on HIV and Iron, March 31-April 1, 2000, Brugge, Belgium.
- Member, Scientific Program Committee, Thirteenth International Conference on Antiviral Research, April 16-21, 2000, Baltimore, Maryland, USA.
- Member, Scientific Advisory Committee, Third European Congress of Chemotherapy, May 7-10, 2000, Madrid, Spain.
- Member, Scientific Committee, Fourth International Workshop on HIV Drug Resistance and Treatment Strategies, June 12-16, 2000, Sitges, Spain.
- Member, Advisory Board Centre of Excellence in Molecular Biotechnology (CEMB), Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warszawa, Poland (since 2000).
- Member, Scientific Advisory Committee, Fourteenth International Round Table on Nucleosides, Nucleotides and their Biological Applications, September 10-14, 2000, San Francisco, California, USA.
- Member, Scientific Advisory Committee, Collaborative Research Seminar on HIV Entry and Fusion Inhibition, December 8-10, 2000, Hyatt Regency, St. Lucia, Windward Islands.
- Member, Scientific Committee for Frontiers in Drug Development for Antiretroviral Therapies (HIV DART 2000), 17-21 December 2000, Isla Verde, Puerto Rico.
- Member, International Advisory Committee, International Symposium on "Current Trends in Drug Discovery Research", February 11-15, 2001, Central Drug Research Institute, Lucknow, India.
- Member, Board, Advisory Committee and Program Committee, International Society for Nucleosides, Nucleotides and Nucleic Acids (2001-).
- Member, Scientific Program Committee, Fourteenth International Conference on Antiviral Research, 8-12 April 2001, Seattle, Washington, USA.
- Member, Scientific Advisory Committee, The 9th Cyprus Conference on New Methods in Drug Research, 17-22 May 2001, Limassol, Cyprus.
- Member, Scientific Committee, 5th International Workshop on HIV Drug Resistance and Treatment Strategies, 4-8 June 2001, Scottsdale, Arizona, USA.
- Member, Program Committee, Third International Conference on Ocular Infections, June 10-14, 2001, Jerusalem, Israel.
- Member, International Advisory Committee, 8th International Symposium on Molecular Aspects of Chemotherapy, September 5-9, 2001, Gdansk, Poland.

- Member, Microbicides Research Planning Committee for the Development of the NIH Plan for HIV-Related Research (since 2002)).
- Member, Scientific Program Committee, Fifteenth International Conference on Antiviral Research, 17-21 March 2002, Prague, Czech Republic.
- Member, Scientific Advisory Committee, 2nd Collaborative Research Seminar on HIV and other Viral Entry Inhibitors, 3-5 May 2002, New York, New York, USA.
- Member, Program Committee, Third International Conference on Ocular Infections: Stepping into the New Millennium, 9-13 June 2002, Salzburg, Austria.
- Member, Scientific Committee, Sixth International HIV Drug Resistance Workshop: Basic Principles and Clinical Implications, 2-5 July 2002, Sevilla, Spain.
- Member, Scientific Committee, 17th International Symposium on Medicinal Chemistry, 1-5 September 2002, Barcelona, Spain.
- Member, Scientific Advisory Committee, First International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-1), 25-28 September 2002, Ankara, Turkey.
- Member, Organizing Committee, Quinzièmes Entretiens du Centre Jacques Cartier, Nouveaux Traitements des Hépatites Virales: de la Recherche à la Clinique, 6-7 December 2002, Lyon, France.
- Member, Scientific Committee, HIV DART 2002, Frontiers in Drug Development for Antiretroviral Therapies, 15-19 December 2002, Naples, Florida, USA.
- Member, ISAR (International Society for Antiviral Research) Conference Committee, 16th International Conference on Antiviral Research, 27 April-1 May 2003, Savannah, Georgia, USA.
- Member, International Organizing Committee for the IXth International Antiviral Symposium and Workshop, Beldibi, Antalya, Turkey, 9-11 November 2003.
- Member, International Advisory Board, Current Trends in Drug Discovery Research, CTDDR-2004, Central Drug Research Institute, Lucknow, India, 17-20 February 2004.
- Member, ISAR (International Society for Antiviral Research) Conference Committee, 17th International Conference on Antiviral Research, 2-6 May 2004, Tucson, Arizona, USA.
- Member, International Advisory Board of the Institute of Organic Chemistry and Biochemistry of the Academy of Sciences of the Czech Republic (since 2005).
- Member, Scientific Advisory Committee, ECC & RICAI 2004 (6th European Congress of Chemotherapy and Infection & 24^e Réunion Interdisciplinaire de Chimiothérapie Anti-Infectieuse), 1-3 December 2004, Paris, France.
- Member, ISAR (International Society for Antiviral Research) Conference Committee, 18th International Conference on Antiviral Research, 10-14 April 2005, Barcelona, Spain..
- Member, International Advisory Board, 8th National Conference on "Bioactive Heterocycles and Drug Discovery Paradigm", 8-10 January 2005, Rajkot, Gujarat, India.
- Member, Scientific Committee, HHV-6 (Human Herpesvirus-6) Foundation (since 2005).
- Member, ISAR (International Society for Antiviral Research) Conference Committee, 18th International Conference on Antiviral Research, 10-14 April 2005, Barcelona, Spain.

- Member, Scientific Committee, International Greek Biotechnology Forum (since 2005).
- Member, Scientific Committee, Seventh European Congress of Chemotherapy and Infection, Federation of the European Societies for Chemotherapy and for Infection (FESCI), 19-22 October 2005, Florence, Italy.
- Member, Advisory Committee, 5th International Conference on HHV-6 & 7, 30 April-3 May 2006, Barcelona, Spain.
- Member, ISAR (International Society for Antiviral Research) Conference Committee, 19th International Conference on Antiviral Research, 7-11 May 2006, San Juan, Puerto Rico.
- Member, International Scientific Program Committee of the Third Dominique Dormont International Conference, 7-9 December 2006, Bordeaux, France.
- Member, Scientific Committee, First International Conference on Avian Influenza in Humans, Institut Pasteur, 29-30 June 2006, Paris, France.
- Member, International Advisory Committee, International Symposium on Current Trends in Drug Discovery Research (CTDDR-2007), 17-21 February 2007, Lucknow, India.
- Member, International Advisory Board, International Conference on Advances in Drug Discovery Research, 24-26 February 2007; Lucknow, India.
- Member, ISAR Conference Committee, 20th International Conference on Antiviral Research, Palm Springs, California, USA, 29 April-3 May 2007.

Editorial Activities

- Editor-in-Chief of the journal "Antiviral Research" (since 1981).
- Editor of the book series "Advances in Antiviral Drug Design" (since 1993).
- Editor-in-Chief of the journal "Current Opinion in Anti-infective Investigational Drugs" (1999-2000).
- Associate Editor of the "Journal of Acquired Immune Deficiency Syndromes" (1988-1994).
- Editorial Board Member of the "Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology" (since 1995).
- Section Editor of the journal "Current Opinion in Infectious Diseases" (Antimicrobial agents: viral) (1989).
- Editorial Board Member of the journal "Antiviral Chemistry and Chemotherapy" (since 1989).
- Editorial Board Member of the journal "Archives of Virology" (since 1980).
- Editorial Board Member of the "The Journal of Infectious Diseases" (1982-1983).
- Editorial Advisory Board Member of the "Journal of Medicinal Chemistry" (1985-1989).
- Editorial Board Member of the journal "Biochemical Pharmacology" (since 1984).
- Editorial Board Member of the journal "Anticancer Research" (since 1986).

- Editorial Board Member of the "International Journal of Experimental and Clinical Chemotherapy" (since 1988).
- Editorial Board Member of the "European Journal of Clinical Microbiology & Infectious Diseases" (since 1989)
- Editorial Board Member of the "International Journal of Purine and Pyrimidine Research" (1989-1992).
- Editorial Board Member of "Drugs under Experimental and Clinical Research" (since 1990).
- Editorial Advisor to "The Biochemical Journal" (1981-1984).
- Contributing Editor of the journal "Methods and Findings in Experimental and Clinical Pharmacology" (since 1980).
- Scientific Advisory Board Member of the journal "Drug News & Perspectives" (since 1990).
- International Editorial Board Member of the "International Journal of Antimicrobial Agents" (since 1990).
- Editorial Board Member of the journal "Medicinal Chemistry Research" (since 1990).
- Editorial Board Member of the journal "Molecular Pharmacology" (since 1992).
- Editorial Academy Member of the "International Journal of Oncology" (since 1992).
- Editorial Board Member of the "Journal of Enzyme Inhibition" (since 1992).
- Editorial Board Member of the journal "International Antiviral News" (since 1992).
- Editorial Board Member of the journal "Clinical Immunotherapeutics" (1993-1996).
- Editorial Board Member of "Current Opinion in Therapeutic Patents" (since 1993).
- Editorial Board Member of the journal "Medicinal Research Reviews" (since 1994).
- Editorial Board Member of the Investigational Drugs Database (since 1993).
- International Advisory Board Member of the journal "Clinical Microbiology and Infection" (since 1995).
- Editorial Board Member of the journal "Drug Resistance Updates" (since 1997).
- Editorial Board Member of the journal "BioDrugs" (since 1997).
- Advisory Board Member of the journal "Current Drugs" (since 1998).
- Editorial Board Member of the journal "IDrugs - The Investigational Drugs Journal" (since 1998).
- Editorial Board Member of the journal "Reviews in Medical Virology" (since 1999).
- Editorial Board Member of the journal "Current Opinion in Investigational Drugs" (since 2000).
- Editorial Board Member of the journal "Current Drug Targets – Infectious Disorders" (since 2001).
- Editorial Board Member of the journal "Expert Opinion on Emerging Drugs" (since 2001).
- Editorial Board Member of the journal "Mini-Reviews in Medicinal Chemistry" (since 2002).

- Member, Editorial Advisory Board of the journal “Chemistry & Biodiversity” (since 2003)
- Member, Editorial Advisory Board of the journal “Medicinal Chemistry Reviews – Online” (since 2003)
- Section Editor for the Anti-Infectives Section of Current Opinion in Pharmacology (since 2004)
- Editorial Board Member of the journal “Medicinal Chemistry” (since 2005).
- Member, Editorial Advisory Panel of the journal “Future Virology” (since 2005).
- Editorial Board Member of the journal “Journal of Pediatric Infectious Diseases” (since 2005)
- Editorial Board Member of the journal “Expert Opinion on Pharmacotherapy” (since 2005)
- Reviewer (Referee) for the following journals :
 - Acta Virologica
 - AIDS (An International Bimonthly Journal)
 - AIDS Research & Human Retroviruses
 - Analytical Biochemistry
 - Annales de Virologie
 - Anticancer Research
 - Antimicrobial Agents and Chemotherapy
 - Antiviral Chemistry & Chemotherapy
 - Antiviral Research
 - Archiv der Pharmazie (Pharmaceutical and Medicinal Chemistry)
 - Archives of Virology
 - Biochemical and Biophysical Research Communications
 - Biochemical Pharmacology
 - Biochemistry
 - Biochimica et Biophysica Acta
 - Bioorganic & Medicinal Chemistry
 - Bioorganic & Medicinal Chemistry Letters
 - Blood
 - Botanica Marina
 - Bulletin des Sociétés Chimiques Belges
 - Cancer Chemotherapy and Pharmacology
 - Cancer Research
 - Cell Regulation
 - Cellular and Molecular Life Sciences
 - ChemBioChem (a European Journal of Chemical Biology)
 - Chemistry & Biology
 - Current Opinion in Therapeutic Patents
 - Drug Design and Discovery
 - Drugs
 - Drugs under Experimental and Clinical Research
 - European Journal of Biochemistry
 - European Journal of Cancer and Clinical Oncology
 - European Journal of Clinical Microbiology and Infectious Diseases
 - European Journal of Medicinal Chemistry
 - European Journal of Pharmacology
 - Expert Review of Anti-Infective Therapy
 - FEBS Letters
 - Fundamental and Clinical Pharmacology
 - Future Medicine
 - Hepatology

- International Journal of Antimicrobial Agents
- International Journal of Biochemistry and Cell Biology
- International Journal of Biological Macromolecules
- International Journal of Cancer
- International Journal of Immunopharmacology
- Investigative Ophthalmology and Visual Science
- JAMA
- Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology
- Journal of Antimicrobial Chemotherapy
- Journal of Clinical Investigation
- Journal of Clinical Virology
- Journal of the European Academy of Dermatology and Venereology (JEADV)
- Journal of General Virology
- Journal of Infectious Diseases
- Journal of Medical Virology
- Journal of Medicinal Chemistry
- Journal of Molecular Biology
- Journal of NeuroVirology
- Journal of Pharmacy and Pharmacology
- Journal of Virology
- Journal of Zhejiang University SCIENCE
- Medicinal Chemistry
- Medicinal Chemistry Research
- Molecular Pharmacology
- Molecular Therapy
- Nature
- Nature Medicine
- Nature Reviews Drug Discovery
- Nucleic Acids Research
- Pediatric Research
- Pharmaceutical Research
- Pharmaceutisch Weekblad Scientific Edition
- Photochemistry and Photobiology
- Proceedings of the National Academy of Sciences (USA)
- Research in Virology
- Science
- Synthesis (Journal of Synthetic Organic Chemistry)
- The Biochemical Journal
- The Cancer Journal
- The Journal of Experimental Medicine
- The Journal of General Virology
- The Journal of Infectious Diseases
- The Lancet
- Trends in Biotechnology
- Virology
- Virus Research

Organizing Activities

- Co-Director (with R.T. Walker as Director, and F. Eckstein as Co-Director) of NATO Advanced Study Institute/FEBS Advanced Course on "Nucleoside Analogues : Chemistry, Biology and Medical Applications", Sogesta (near Urbino), Italy, 7-18 May 1979.
- Director (with R.T. Walker as Co-Director) of NATO Advanced Study Institute/FEBS Advanced Course on "Targets for the Design of Antiviral Agents", Les Arcs, France, 19 June-2 July 1983.

- Organizer and Chairman of the International Symposium "Frontiers in Microbiology", dedicated to the memory of Prof. Dr. P. De Somer, Katholieke Universiteit Leuven, Belgium, 20-22 November 1986.
- Director (with R.T. Walker as Co-Director) of NATO Advanced Study Institute/FEBS Advanced Course on "Antiviral Drug Development : A Multidisciplinary Approach", Il Ciocco, Italy, 10-23 May 1987.
- Organizer/President of the Third International Conference on Antiviral Research, Brussels, Belgium, 22-27 April 1990.
- Organizer/Chairman of the Eleventh International Round Table on Nucleosides, Nucleotides, and their Biological Applications, Leuven, Belgium, 7-11 September 1994.
- Organizer and Chairman of the Symposium "Progress in Virus Vaccines" and Academic Ceremony in honor of Professor-Emeritus Jan Desmyter, Katholieke Universiteit Leuven, Belgium, 9 October 1999.
- Organizer/Chairman of the Fifteenth International Round Table on Nucleosides, Nucleotides and Nucleic Acids, Leuven, Belgium, 10-14 September 2002.
- Organizer of a series of Symposia on "Frontiers in Chemistry, Microbiology and Immunology", "The Rega Institute: 50 years of Medical Research" and "HIV/AIDS, Antiretrovirals and the Developing World", at the occasion of the 50th Anniversary of the Rega Institute, University Hall, K.U.Leuven, Belgium, 8 and 9 October 2004.
- Organizer/Chairman "Symposium on AIDS in the Third World", Koninklijke Academie voor Geneeskunde van België (Royal Academy of Medicine of Belgium), Paleis der Academiën (Palace of the Academics), Brussels, Belgium, 25 November 2006.

Administrative Duties

- Chairman of the Directory Board of the Rega Foundation (Stichting Rega V.Z.W.) (since 1985)
- Chairman of the Department of Microbiology of the Katholieke Universiteit Leuven (1986-1991)
- Chairman of the Directory Board of the Rega Institute for Medical Research, Katholieke Universiteit Leuven (since 1986)
- Chairman of the Department of Microbiology and Immunology, School of Medicine, Katholieke Universiteit Leuven (1999-2004)
- Chairman of the Evaluation Commission of the Academic Staff, School of Medicine, Katholieke Universiteit Leuven (2002-2004); Member of the Review Board for the Appointment and Promotion of the Academic Personnel, School of Medicine, Katholieke Universiteit Leuven (1994-1999).

Promoter Assignments

- Promoter, Honorary Doctor's Degree of the K.U.Leuven, awarded to Prof. Walter Fiers on 2 February 1978.
- Promoter, Honorary Doctor's Degree of the K.U.Leuven, awarded to Dr. Robert C. Gallo on 2 February 1987.

Adviser/Promoter Duties

- 1984 Jan Balzarini, Dr. Agricultural Sciences
Greatest distinction with congratulations of the Jury
"Rol van thymidylzuur synthetase in de cytostatische werking van pyrimidine nucleoside analoga"
- 1988 Ria Bernaerts, Dr. Sciences (Biology)
Greatest distinction
"Werkingsmechanisme van nucleoside en nucleotide analoga tegenover herpes simplex virus *in vitro*"
- 1990 Marina Cools, Dr. Sciences (Biology)
Greatest distinction
"S-Adenosylhomocysteine hydrolase as target enzyme for the antiviral activity of acyclic and carbocyclic adenosine analogues"
- 1990 Piet Herdewijn, Pharm.D., Ph.D. ("Geaggregeerde voor het Hoger Onderwijs in de Farmacie"), Pharmaceutical Sciences
"Dideoxynucleoside analogues as inhibitors of the replication of human immunodeficiency virus (HIV)"
- 1990 Rudi Pauwels, Dr. Pharmaceutical Sciences
Greatest distinction with congratulations of the Jury
"Development of new agents against the human immunodeficiency virus (HIV). Evaluation methods, structure-activity relationships and mechanism of action"
- 1991 Dominique Schols, Dr. Sciences (Biology)
Greatest distinction with congratulations of the Jury
"Applications of flow cytometry in the study of the mechanism of action of inhibitors of human immunodeficiency virus"
- 1993 Johan Neyts, Dr. Sciences (Biology)
Greatest distinction with congratulations of the Jury
"New inhibitors of cytomegalovirus replication. In vitro evaluation, mechanism of action, in vivo activity"
- 1993 Lieve Naesens, Dr. Pharmaceutical Sciences
Greatest distinction with congratulations of the Jury
"Anti-retrovirus activity and pharmacokinetics of acyclic purine nucleoside phosphonate analogues"
- 1994 Myriam Witvrouw, Dr. Sciences (Biology)
Greatest distinction
"Polysulfates as inhibitors of human immunodeficiency virus replication. In vitro antiviral activity, mechanism of action, pharmacokinetics"
- 1994 Zeger Debyser, M.D., Ph.D. ("Geaggregeerde voor het Hoger Onderwijs in de Geneeskunde"), Medical Sciences
"Viral DNA synthesis. A study of viral DNA synthesis in two model systems: HIV-1 reverse transcription and DNA synthesis at the replication fork of bacteriophage T7"
- 1994 Robert Snoeck, M.D., Ph.D. ("Geaggregeerde voor het Hoger Onderwijs in de Geneeskunde"), Medical Sciences
"Activity of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine, an acyclic nucleoside phosphonate, against herpesviruses (HSV, VZV, HCMV)"

- 1994 Prabhat C. Maudgal, M.D., Ph.D. ("Geaggregeerde voor het Hoger Onderwijs in de Geneeskunde"), Medical Sciences
"Antiviral chemotherapy of herpetic keratouveitis: an experimental and clinical study"
- 1997 Karen De Vreese, Doctor in de Medische Wetenschappen
"The bicyclams, a new class of potent HIV inhibitors: study of the mechanism of action"
- 1998 Jean-Claude Schmit, M.D., Ph.D. (Doctor in Medical Sciences)
"Clinical relevance of human immunodeficiency virus (HIV) type 1 drug resistance"
- 1999 José A. Esté, Doctor in Medical Sciences
"Mode of action and development of resistance to human immunodeficiency virus inhibitors that are targeted at early stages of infection"
- 1999 Sigrid Hatse, Dr. Agricultural Sciences (Dr. Landbouwkundige en Toegepaste Biologische Wetenschappen)
"Mechanistic study on the cytostatic and tumor cell differentiation-inducing properties of 9-(2-phosphonylmethoxyethyl)adenine (PMEA, adefovir)".
- 1999 Heidi Jonckheere, Doctor in de Medische Wetenschappen
"Subunit-selective mutagenesis of HIV-1 reverse transcriptase for interaction studies with RT-specific inhibitors and for fidelity analysis".
- 2000 Sandra Liekens, Dr. Agricultural Sciences (Dr. Landbouwkundige en Toegepaste Biologische Wetenschappen)
"Inhibition of vascular tumor growth by anti-angiogenic and apoptosis-inducing agents".
- 2000 Co-promoter (J. Balzarini, promoter)
Bart Degrève, Dr. Agricultural Sciences (Dr. Landbouwkundige en Toegepaste Biologische Wetenschappen) (with congratulations of the Jury)
"Herpesvirus thymidine kinases and antiherpetic nucleoside analogues in the combined gene/chemotherapy of cancer".
- 2000 Peter P. Cherepanov, Doctor in Medical Sciences
"Studies on HIV-1 integrase: from the test tube to the living cell".
- 2000 Dirk Daelemans, Dr. Agricultural Sciences (Dr. Landbouwkundige en Toegepaste Biologische Wetenschappen)
"HIV-1 gene regulation inhibitors: mechanism and target of action".
- 2001 Co-promoter (J. Balzarini, promoter)
Heidi Pelemans, Dr. Agricultural Sciences (Dr. Landbouwkundige en Toegepaste Biologische Wetenschappen)
"Study of the effects of mutations in HIV-1 reverse transcriptase on resistance against non-nucleoside reverse transcriptase inhibitors".
- 2001 Co-promoter (A.-M. Vandamme, promoter)
Kristien Van Vaerenbergh, Doctor in Medical Sciences
"Study of the impact of HIV genotypic drug resistance testing on therapy efficacy".
- 2001 Wim Pluymers, Dr. Sciences (Biology)
"HIV-1 integrase as a target for antiretroviral therapy".
- 2001 Kristel Van Laethem, Doctor in Medical Sciences
"*In vitro* investigation of the correlation between genotype and phenotype in clinical HIV-1 isolates"

- 2001 Geoffrey Diemer, MS. Biomedical Sciences
“The impact of design modifications in HIV-1 derived lentiviral vectors on transduction in cells of hematopoietic lineage”
- 2002 Chunxiao Ying, Doctor in Medical Sciences
“Novel strategies for the treatment of infections with the hepatitis B virus”
- 2002 Pieter Leyssen, Doctor in Medical Sciences
“Experimental Modoc virus infection as a model for the study of the pathogenesis and therapy of flavivirus infections”
- 2003 Nathalie Charlier, Doctor in Medical Sciences
“Study of flavivirus infection. Animal models, determinants of neuroinvasion and vector specificity”
- 2004 Co-promoter (M. Witvrouw, promoter)
Valéry Fikkert, Doctor in Medical Sciences
“Study of HIV-resistance against inhibitors of HIV-1 entry and integration”
- 2004 Co-promoter (Z. Debyser, promoter)
Anje Claeys, Doctor in Medical Sciences
“Lentiviral vector technology: applications for neuronal gene transfer and for the study of the molecular virology of HIV”
- 2004 Leen De Bolle, Dr. Pharmaceutical Sciences (Doctor in de Farmaceutische Wetenschappen)
“Human herpesvirus 6 (HHV-6): cytopathic effects and mode of action of HHV-6 inhibitors”
- 2004 Co-promoter (Z. Debyser, promoter)
Johan Van Griensven, Doctor in Medical Sciences (Doctor in de Medische Wetenschappen)
“Gen therapy of AIDS: gene transfer of antiviral genes into hematopoietic cells using lentiviral vectors”
- 2004 Co-promoter (D. Schols, promoter)
Katrien Princen, Doctor in Sciences (Biology)
“Development of chemokine receptor antagonists as a novel strategy for the treatment of human immunodeficiency virus (HIV)”
- 2005 Elizaveta Padalko, Doctor in Medical Sciences
“New strategies for the treatment of Cocksackievirus-induced myocarditis”
- 2005 Co-promoter (Z. Debyser, promoter)
Bénédicte Van Maele, Doctor in Medical Sciences
“Analysis of integration of HIV-1 and lentiviral vectors”
- 2005 Co-promoter (J. Balzarini, promoter)
Joeri Auwerx, Doctor in Sciences
“Molecular and kinetic studies of the interaction of lentiviral reverse transcriptases (RT) with non-nucleoside RT inhibitors of HIV-1”
- 2006 Co-promoter (J. Balzarini: promoter)
Miguel Stevens, Doctor in Medical Sciences
“Study of novel HIV-1 gene regulation inhibitors on viral latency”
- 2006 Jan Paeshuysse (other promoters: J. Neyts & B. Goddeeris), Bioingeneer Sciences
“Novel strategies for the treatment of infections with pesti- and hepaciviruses”

Teaching Activities

Courses of Biochemistry and Microbiology (Virology) to students of the School of Medicine at the Katholieke Universiteit Leuven and Katholieke Universiteit Leuven Campus Kortrijk.

Teaching Activities for the academic years (up to 2005-2006)

1° Kandidatuur Arts (K.U.leuven, Campus Kortrijk): Colleges van Celbiologie I (30 u).

1° Kandidatuur Biomedische Wetenschappen (K.U.Leuven, Campus Kortrijk): Colleges van Celbiologie I (30 u).

1° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Werkzittingen (Seminaries) Celbiologie I (04 u).

1° Kandidatuur Biomedische Wetenschappen (K.U.Leuven, Campus Kortrijk): Werkzittingen (Seminaries) Celbiologie I (05 u).

2° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Colleges van Metabolisme en Metabole Regeling (24 u).

2° Kandidatuur Biomedische Wetenschappen (K.U.Leuven, Campus Kortrijk): Colleges van Metabolisme en Metabole Regeling (24 u).

2° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Colleges Capita Selecta (09 u).

2° Kandidatuur Biomedische Wetenschappen (K.U.Leuven, Campus Kortrijk): Colleges van Microbiologie (19.5 u).

2° Kandidatuur Biomedische Wetenschappen (K.U.Leuven): Colleges van Microbiologie (19.5 u).

2° Kandidatuur Biomedische Wetenschappen (K.U.Leuven, Campus Kortrijk): Practica van Microbiologie (04 u).

2° Kandidatuur Biomedische Wetenschappen (K.U.Leuven): Practica van Microbiologie (02 u).

2° Kandidatuur Tandarts (K.U.Leuven): Colleges van Microbiologie (15 u).

2° Kandidatuur Tandarts (K.U.Leuven): Praktische Oefeningen van Microbiologie en Immunologie (3.75 u).

3° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Colleges van Algemene Biochemie en Menselijke Biochemie (2° deel) en Begrippen van Pathologische Biochemie (30 u).

3° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Demonstraties van Biochemie (03 u).

3° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Colleges van Medische Microbiologie, Menselijke Parasitologie en Algemene Immunologie (27 u).

3° Kandidatuur Arts (K.U.Leuven, Campus Kortrijk): Praktische Oefeningen in de Medische Microbiologie, Menselijke Parasitologie en Algemene Immunologie (4.5 u).

3° Kandidatuur Arts (K.U.Leuven): Colleges van Medische Microbiologie, Menselijke Parasitologie en Algemene Immunologie (22.5 u).

3° Kandidatuur Arts (K.U.Leuven): Praktische Oefeningen in de Microbiologie, de Immunologie en de Parasitologie (7.5 u).

Research Grants

Principal Investigator of the following research programmes :

- 1971-1974 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 20170.
- 1974-1975 Fonds Derde Cyclus (K.U.Leuven), Project no. OT/I/50.
- 1975-1978 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 3.0048.75.
- 1976-1977 Fonds Derde Cyclus (K.U.Leuven), Project no. OT/III/26.
- 1979-1982 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 3.0048.75.
- 1980-1981 Onderzoeksfonds (K.U.Leuven), Project no. OT/VII/28.
- 1980-1982 NATO Research Grant, no. RG 111.80.
- 1983-1986 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 3.0040.83.
- 1985-1990 Geconcerteerde Onderzoeksacties (Belgische Staat), Project no. 85/90-79.
- 1987-1990 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 3.0040.83.
- 1987-1995 Samenwerkingsovereenkomst met Janssen Pharmaceutica.
- 1987-1992 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 3.0097.87.
- 1988 Nationaal Fonds voor Wetenschappelijk Onderzoek (Nationale Loterij), Krediet no. 9.0010.88.
- 1990 Onderzoekstoelage Ministerie van de Vlaamse Gemeenschap (Volksgezondheid).
- 1990-1994 Geconcerteerde Onderzoeksacties (Belgische Staat), Project no. 90/94-2.
- 1991-1994 Belgian Fonds voor Geneeskundig Wetenschappelijk Onderzoek, Krediet no. 3.0026.91.
- 1991-1995 Belgian Nationaal Fonds voor Wetenschappelijk Onderzoek, Krediet no. 3.3010.91 (Onderzoeksprogramma "AIDS").
- 1993-1995 European Commission (EC) Centralized Facility and Concerted Action on Design, Synthesis and Evaluation of New Antiviral Compounds against AIDS (Biomedical Research Programme of the European Commission), Contract no. BMH1-CT92-0460.
- 1995-1998 Belgian Nationaal Fonds voor Wetenschappelijk Onderzoek (Fonds voor Geneeskundig Wetenschappelijk Onderzoek), Krediet no. 3.0180.95.
- 1995-1999 Geconcerteerde Onderzoeksacties (Ministerie van Onderwijs, Vlaamse Gemeenschap), Project no. 95/5 (Moleculaire targets voor antivirale, anti-HIV en antitumorale chemotherapie).

- 1996-1998 European Commission (EC) Centralized Facility and Concerted Action on Design, Synthesis, Evaluation and Development of New Antiviral Compounds against AIDS (BIOMED 2 Programme of the European Commission).
- 1996-2000 Samenwerkingsovereenkomst met Janssen Pharmaceutica.
- 1996-1997 Belgian Nationaal Fonds voor Wetenschappelijk Onderzoek, Krediet no. G.3304.96 (Molecular targets for the chemotherapy of HIV infections).
- 1998-2001 Fonds voor Wetenschappelijk Onderzoek - Vlaanderen (FWO), Krediet no. G.0104.98 (Moleculaire doelwitten voor de chemotherapie van AIDS en virusinfecties geassocieerd met immuundeficiëntie).
- 2000-2003 Fonds voor Wetenschappelijk Onderzoek – Vlaanderen (FWO), Krediet no. G.0122.00 (Nieuwe en unieke modellen voor de ontwikkeling van antivirale strategieën tegen infecties met Flaviviridae).
- 2000-2004 Geconcerteerde Onderzoekssacties (Ministeries van Onderwijs en Wetenschapsbeleid, Vlaamse Gemeenschap), Project no. 2000/12 (Molecular targets for the chemotherapy of virus infections, AIDS and cancer).
- 2004-2007 Fonds voor Wetenschappelijk Onderzoek – Vlaanderen (FWO), Krediet no. G.0267.04 (Identification and molecular/biochemical mechanism of action of novel antiviral chemotherapeutics) (co-promotor).
- 2005-2009 Geconcerteerde Onderzoeksacties (Belgian Government), Krediet no. 2005/19 (Molecular targets for the chemotherapy of virus infections and cancer) (co-promotor).
- 2006-2007 Project “Development of novel (nucleoside and non-nucleoside type) RNA polymerase inhibitors active against influenza A/B viruses” (Aclon Finance S.A.).

Scientific Interests

- . Chemotherapy of virus infections.
- . Chemotherapy of AIDS.
- . Chemotherapy of malignant diseases.
- . Molecular mechanism of action of antiviral and antitumor agents.
- . Enzyme targets for antiviral and antitumor agents.
- . Nucleoside and nucleotide analogues.
- . Reverse transcriptase inhibitors
- . Virus adsorption, fusion and uncoating inhibitors.
- . Gene therapy *via* the virus-encoded thymidine kinase.
- . Tumor cell differentiation inducers.

Major achievements

Co-inventor (co-discoverer) of several licensed antiviral drugs:

- . β -interferon (now used primarily for the treatment of multiple sclerosis)
- . Valaciclovir (Valtrex®, Zelitrex®) for the treatment of herpesvirus infections
- . Stavudine (Zerit®) for the treatment of AIDS
- . BVDU [(E)-5-(2-bromovinyl)-2'-deoxyuridine, Zostex®, Brivirac®, Zerpex®] for the treatment of herpes zoster
- . NNRTIs (non-nucleoside reverse transcriptase inhibitors) for the treatment of HIV-1 infections
- . Cidofovir (Vistide®) for the treatment of cytomegalovirus (CMV) infection in AIDS patients
- . Adefovir dipivoxil (Hepsera®) for the treatment of hepatitis B virus (HBV) infections

- . Tenofovir disoproxil fumarate (Viread®) for the treatment of HIV infections (AIDS)
- . Fixed dose combination (Truvada®) of Viread® with Emtriva® for the treatment of HIV infections (AIDS)
- . Fixed dose combination (Atripla®) of Viread® with Emtriva® and Sustiva® for the treatment of HIV infections (AIDS)
- . AMD3100 (discovered as an anti-HIV agent, now primarily pursued (Mozibil™) for the mobilization of hematopoietic stem cells)

Lectures at International Conferences, Congresses, Symposia and Meetings

- June 1969 Second Conference on Antiviral Substances of the New York Academy of Sciences, New York, USA, 16-19 June, 1969.
 - "Structural requirements for synthetic polyanions to act as interferon inducers" (invited lecture).
 - "The interferon inducer from Brucella" (invited lecture).
- October 1969 Ninth Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, D.C., USA, 27-29 October, 1969.
 "Interferon induction by and ribonuclease sensitivity of thiophosphate-substituted polyribonucleotides".
- August 1970 Tenth International Congress for Microbiology, Mexico City, Mexico, 9-15 August, 1970.
 "The role of interferon in the protective effect of (poly rI).(poly rC) against intranasal vesicular stomatitis virus challenge in mice".
- September 1970 Symposium on Drugs and Cell Regulation, The Roswell Park Memorial Institute, Buffalo, New York, USA, 23-25 September, 1970.
 "Chemically defined non-viral interferon inducers : structural requirements and mechanisms" (invited lecture).
- October 1970 Tenth Interscience Conference on Antimicrobial Agents and Chemotherapy, Chicago, Illinois, USA, 19-21 October, 1970.
 "Studies on the mechanism of antiviral protection and interferon production by bis-DEAE-fluorenone in the mouse".
- March 1971 European Molecular Biology Organization (EMBO) Workshop on Interferon, School of Molecular and Biological Sciences, University of Warwick, Warwickshire, England, 16-18 March, 1971.
 "Mechanism of interferon induction" (invited lecture).
- June 1971 Second International Congress for Virology, Budapest, Hungary, 27 June-3 July, 1971.
 "Nucleic acids as interferon inducers" (invited lecture).
- September 1971 International Colloquium on Interferon and Interferon Inducers, The Rega Institute for Medical Research, Katholieke Universiteit Leuven, Belgium, 13-16 September, 1971.
 "Mechanism of the priming effect of poly rI on the antiviral activity of poly rC".
- September 1971 Seventh Meeting of the Federation of European Biochemical Societies, Varna, Bulgaria, 20-25 September, 1971.
 Symposium on Virus-Cell Interactions and Viral Antimetabolites.
 "Synthetic polynucleotides and interferon induction" (invited lecture).
- September 1971 Second National Symposium on Nucleic Acids, Bucharest, Rumania, 27-28 September, 1971.
 "On the mechanism of interferon production and antiviral activity of synthetic polyribonucleotides".
- October 1972 International Interferon Workshop, Williamsburg, Virginia, USA, 18-20 October, 1972.
 - "Role of the outer cell membrane in interferon induction by synthetic polyribonucleotides" (invited lecture).
 - "Increased toxicity of double-stranded RNA in interferon-treated cells and virus-infected animals" (invited lecture).

- April 1973 European Molecular Biology Organization (EMBO) Interferon Course, School of Molecular and Biological Sciences, University of Warwick, Warwickshire, England, 2-13 April, 1973.
"Mechanism of polynucleotide induced interferon formation" (invited lecture).
- September 1973 Gulbenkian Meeting on Interferon, Oeiras, Portugal, 19-21 September, 1973.
"Interferon induction by synthetic polynucleotides : competition between inactive and active polymers" (invited lecture).
- September 1973 Table Ronde Roussel UCLAF on Control Mechanism in Interferon Formation and Action, Paris, France, 24-25 September, 1973.
"Interferon induction by synthetic polynucleotides : structural requirements and mechanisms" (invited lecture).
- October 1973 Konferenz der Gesellschaft für Biologische Chemie on Nucleosid- und Nucleotid-Analoga under ihre Anwendung, Friedrichsdorf/Taunus, Deutschland, 3-6 October, 1973.
"Interferon induction by synthetic polynucleotides : structure-function relationship" (invited lecture).
- January 1974 Symposium on Interferon, organized by the Society for General Microbiology, Leicester, England, 3-4 January, 1974.
- "Does poly(I).poly(C) have to enter the cell in order to stimulate interferon production" (invited lecture).
- "Interferon induction by polynucleotides" (invited lecture).
- April 1974 89th Meeting of the Belgian Society of Biochemistry (réunion commune avec la "Société de Chimie Biologique"), Leuven, Belgium, 18-19 April, 1974.
"Previously unrecognized interactions among synthetic homopolynucleotides and their complexes revealed by interferon induction studies".
- October 1974 Joint Meeting of the Biochemical Societies of Belgium, the Federal Republic of Germany and The Netherlands, Düsseldorf, Deutschland, 2-5 October, 1974.
"Inhibition of mouse leukemia virus RNA dependent DNA polymerase by 2'-OH substituted polynucleotides".
- March-April 1975 International Workshop on Interferon in the Treatment of Cancer, Memorial Sloan-Kettering Cancer Center, New York, USA, 31 March-2 April, 1975.
- "Cytostatic effect of interferon on mouse melanoma cells. A preliminary report" (invited lecture).
- "Interferon induction by poly(I).poly(C) analogues in rabbit kidney cells and human skin fibroblasts" (invited lecture).
- "Non-antiviral activities of interferon : not controlled by chromosome 21" (invited lecture).
- July 1975 European Molecular Biology Organization (EMBO) Workshop on Interferon, Department of Biological Sciences, University of Warwick, Warwickshire, England, 29-31 July, 1975.
"Interaction of polynucleotides with the cell" (invited lecture).
- August 1975 Symposium on Antivirals with Clinical Potential, Stanford University, Stanford, California, USA, 26-29 August, 1975.
"Intranasal challenge of mice with herpes simplex virus : experimental model for evaluating the efficacy of antiviral drugs".

- October 1975 Symposium on Clinical Use of Interferon, Yugoslav Academy of Sciences and Arts, and the Institute of Immunology, Zagreb, Yugoslavia, 1-2 October, 1975.
"Encephalitis induced upon intranasal challenge of mice with herpes simplex virus : experimental model to assess the clinical efficacy of interferon administered exogenously".
- November 1975 12de Vergadering van de Belgisch-Nederlandse Infectieziekten Club, U.I.A. (Universitaire Instelling Antwerpen), Antwerpen, Belgium, 22 November, 1975.
"Antivirale bestanddelen in de behandeling van experimentele herpes encephalitis".
- May 1976 Symposium on Synthetic Nucleosides, Nucleotides and Polynucleotides, Max-Planck-Institut für Biophysikalische Chemie, Göttingen, Deutschland, 3-5 May, 1976.
"Antiviral activity of novel nucleoside analogs" (invited lecture).
- July 1976 Microwave Power Symposium 1976, Katholieke Universiteit Leuven, Belgium, 27-30 July, 1976.
- "Effect of microwaves on virus multiplication in mammalian cells in vivo and in vitro".
- "Effect of microwaves combined with interferon and/or interferon inducers (poly I.poly C) on development of sarcoma 180 in mice".
- October 1976 First Cleveland Symposium on Macromolecules (Structure and Properties of Biopolymers), Case Institute of Technology, Case Western Reserve University, Cleveland, Ohio, USA, 11-15 October, 1976.
"Polynucleotides as inducers of interferon" (invited lecture).
- May 1977 Fifth Aharon Katzir-Katchalsky Conference on Interferons and the Control of Cell-Virus Interactions, The Weizmann Institute of Science, Rehovot, Israel, 26 May, 1977.
"Novel polynucleotide inducers of human interferon" (invited lecture).
- June 1977 Symposium on the Preparation, Standardization and Clinical Use of Interferon, Yugoslav Academy of Sciences and Arts, Institute of Immunology, Zagreb, Yugoslavia, 8-9 June, 1977.
"Novel polynucleotide inducers of human interferon" (invited lecture).
- September 1977 Tenth International Congress of Chemotherapy, Zürich, Switzerland, 18-23 September, 1977.
- "Uses and production of exogenous interferon in man" (invited lecture).
- "Antiviral activity of novel deoxyuridine derivatives".
- "Broad-spectrum antiviral activity of pyrazofurin (pyrazomycin)".
- September 1977 Round Table Conference on Antiviral Chemotherapy, Sandoz Forschungsinstitut, Vienna, Austria, 26 September, 1977.
"Antiviral agents with clinical potential" (invited lecture).
- October 1977 Planning of NATO Conference on "Nucleoside Analogues: Chemistry, Biology and Medical Applications", Max-Planck-Institut für Experimentelle Medizin, Göttingen, Federal Republic of Germany, 17-19 October, 1977.
- December 1977 Tenth Anniversary Symposium of the Nucleotide Group of the Chemical and Biochemical Societies on Nucleoside and Polynucleotide Synthesis and Structure, Birmingham, England, 20-21 December, 1977.
"Antiviral activity of (S)-9-(2,3-dihydroxypropyl)adenine".

- March 1978 NATO International Advanced Study Institute on Antiviral Mechanisms for the Control of Neoplasia, Corfu, Greece, 15-25 March, 1978.
- "Interferon induction by synthetic polynucleotides : recent developments" (invited lecture).
- "Inhibition of oncornavirus activities by polynucleotide analogues" (invited lecture).
- June 1978 Workshop on the Development of Antivirals, Antiviral Substances Program, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, USA, 29-30 June, 1978.
"New antivirals" (invited lecture).
- July 1978 Twelfth Meeting of the Federation of European Biochemical Societies (FEBS), Post-Congress Symposium on Antimetabolites in Biochemistry, Biology and Medicine, Prague, Czechoslovakia, 10-12 July, 1978.
"Comparative study of the potency and selectivity of anti-herpes compounds" (invited lecture).
- September 1978 International Symposium on Anti-Herpes-Virus-Chemotherapy : Experimental and Clinical Aspects, Universitäts-Augenklinik Eppendorf, Hamburg, Federal Republic of Germany, 7-9 September, 1978.
- "Pyrimidine nucleoside analogues which selectively inhibit herpes simplex virus replication" (invited lecture).
- "Concluding remarks" (invited lecture).
- December 1978 Planning of NATO Conference on "Nucleoside Analogues : Chemistry, Biology and Medical Applications", University of Birmingham, England, 11-13 December, 1978.
- March 1979 Symposium on Chemotherapy, held by the Medicinal Chemistry Division of the Royal Netherlands Chemical Society and the Medicinal Chemistry Division of the Flemish Chemical Society, Technische Hogeschool, Eindhoven, The Netherlands, 23 March, 1979.
"Antivirale chemotherapeutica" (uitgenodigde lezing).
- May 1979 NATO Advanced Study Institute and FEBS Advanced Course on Nucleoside Analogues : Chemistry, Biology and Medical Applications, Sogesta (near Urbino), Italy, 7-18 May, 1979.
"Anti-herpes agents with clinical potential".
- September 1979 Herbsttagung der Gesellschaft für Biologische Chemie, Eberhard-Karls-Universität, Tübingen, Federal Republic of Germany, 26-28 September, 1979.
"Antivirale-Nucleosid-Analoge" (invited lecture).
- October 1979 11th International Congress of Chemotherapy and 19th Interscience Conference on Antimicrobial Agents and Chemotherapy, Boston, Massachusetts, USA, 1-5 October, 1979.
- "Antiviral activity of 5-(2-halogenovinyl)-2'-deoxyuridines".
- Moderator of session on "Herpes simplex; Interferon" (invited).
- Moderator of symposium on "Prevention of infections by herpesviruses" (invited).
- November 1979 Gezamenlijke Vergadering van de Vereniging voor Infectieziekten en de Nederlandse Vereniging voor de Studie van Seksueel Overdraagbare Aandoeningen, Eurohal, Maastricht, The Netherlands, 16-17 November, 1979.
"Nieuwe anti-herpes preparaten voor klinisch gebruik".

- November 1979 Symposium on Developments in Antiviral Therapy, held by the British Society for Antimicrobial Chemotherapy, The London Hospital Medical College, London, England, 30 November, 1979.
"(E)-5-(2-bromovinyl)-2'-deoxyuridine : a potent and selective anti-herpes agent".
- April 1980 International Symposium on Herpetic Eye Diseases, held by the German Ophthalmologic Society, Augenlinik - Albert Ludwigs Universität, Freiburg, Federal Republic of Germany, 12-14 April, 1980.
"On the mechanism of anti-herpes action of E-5-(2-bromovinyl)-2'-deoxyuridine".
- May 1980 Negende Vergadering van de Vereniging voor Infectieziekten, Rijksinstituut voor de Volksgezondheid, Bilthoven, The Netherlands, 31 May, 1980.
"Antiviral chemotherapy : nucleoside analogues" (invited lecture).
- June 1980 Fourth International Symposium of Socialist Countries on Antiviral Substances, Szeged, Hungary, 23-25 June, 1980.
- "Nucleoside analogues as antiviral agents" (invited lecture).
- "Differential inhibition of herpes simplex viruses type 1 (HSV-1) and type 2 (HSV-2) by (E)-5-(2-X-vinyl)-2'-deoxyuridines".
- August 1980 Fifteenth International Congress of Internal Medicine, Hamburg, Federal Republic of Germany, 18-22 August, 1980.
Symposium on New Methods of treating viral infections.
"New antiviral drugs" (invited lecture).
- August 1980 Second International Symposium on Antiviral Chemotherapy : Design of Inhibitors of Viral Functions, Universitäts-Augenklinik, Eppendorf, Hamburg, Federal Republic of Germany, 27-29 August, 1980.
- "Interferon, Anno 1980" (invited lecture).
- "Closing remarks" (invited lecture).
- February 1981 Fourth International Round Table on Nucleosides, Nucleotides and their Biological Applications, Antwerp, Belgium, 4-6 February, 1981.
"Antiviral activity of pyrimidine nucleoside analogs : a structure-function analysis" (invited lecture).
- March 1981 Colloque sur l'Infection Herpétique Humaine et ses Traitements, Faculté de Médecine, Brest, France, 26-28 March, 1981.
"Therapeutic potentials of BVDU as an antiherpes drug".
- April 1981 International Meeting on The Biology of the Interferon System, Erasmus University Rotterdam, The Netherlands, 21-24 April, 1981.
"Antiviral potentials of interferon as opposed to other antiviral agents" (invited lecture).
- May 1981 Workshop on Genital Herpes/Antiviral Substances, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, USA, 12-13 May, 1981.
- "Potentials of bromovinyldeoxyuridine in the treatment of herpes zoster" (invited lecture).
- Chairman of Session on "Mechanism of antiviral drugs" (invited).
- June 1981 Gordon Research Conference on Purines, Pyrimidines and Related Compounds, Plymouth State College, New Hampshire, USA, 29 June-3 July, 1981.
"Evaluation of antiviral agents : antiviral activity of pyrimidine nucleoside analogs" (invited lecture).

- July 1981 Twelfth International Congress of Chemotherapy, Florence, Italy, 19-24 July, 1981.
- "Antiviral activity of sugar-modified derivatives of (E)-5-(2-bromovinyl)-2'-deoxyuridine" (invited lecture).
 - Introductory Remarks to Symposium on "Antiherpes Chemotherapy" (invited lecture).
 - "Therapeutic potentials of BVDU [(E)-5-(2-bromovinyl)-2'-deoxyuridine] as an antiherpes drug" (invited lecture).
 - Moderator of Session on "New Antiviral Compounds : Laboratory and Clinical Evaluation" (invited).
 - Organizer and Moderator of Symposium on "Antiherpes Chemotherapy" (invited).
- July 1981 International Workshop on Herpesviruses, Bologna, Italy, 27-31 July, 1981.
"Mechanism of anti-herpes action of E-5-(2-halogenovinyl)-2'-deoxyuridines" (invited lecture).
- August 1981 Fifth International Congress of Virology, Strasbourg, France, 2-7 August, 1981.
- "Inhibitory effect of interferon on the growth of spontaneous mammary tumors in mice" (invited lecture).
 - "Antiviral potentials of E-5-(2-halogenovinyl)-pyrimidine nucleosides" (invited lecture).
- August 1981 Twenty-Eighth Congress of the International Union of Pure and Applied Chemistry (IUPAC), Vancouver, British Columbia, Canada, 16-21 August, 1981.
"Strategies in the design of antiviral drugs" (invited lecture).
- September 1981 Meeting of the European Federation of Child Neurology Societies (EFCNS), St. Catherine's College, Oxford, England, 7-11 September, 1981.
"Potentials of new antiviral drugs in the treatment of herpesvirus infections" (invited lecture).
- September 1981 International Acyclovir Symposium, Wellcome Research Laboratories and National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, USA, 9-11 September, 1981.
Chairman of Session on "Animal Studies with Acyclovir" (invited).
- February 1982 Symposium on Trypanocide, fluoreszierende Diamidine, Institut für Pharmazie und Lebensmittelchemie der Friedrich-Alexander Universität, Erlangen-Nürnberg, Federal Republic of Germany, 19-20 February, 1982.
"Antiviral and antitumor potentials of diamidine derivatives" (invited lecture).
- April 1982 34e Herhalingscursus Kindergeneeskunde, RAI-Congrescentrum, Amsterdam, The Netherlands, 19-24 April, 1982.
"Heden en toekomst van chemotherapeutica tegen virale infecties" (uitgenodigde lezing).
- May 1982 Symposium on Bioorganic Chemistry and Drug Design, USSR Academy of Sciences, Latvian SSR Academy of Sciences, Riga, USSR, 25-29 May, 1982.
"Design of nucleoside and polynucleotide analogs as antiviral agents" (invited plenary lecture).
- August 1982 Eleventh International Carbohydrate Symposium, Vancouver, British Columbia, Canada, 22-28 August, 1982.
"Antiviral activity of 5-substituted pyrimidine nucleoside analogues" (invited plenary lecture).

- September 1982 Fifth Beecham Colloquium on Problems of Antiviral Therapy, Medical Society of London, London, England, 15-17 September, 1982.
"Prospects for the chemotherapy of herpesvirus infections" (invited lecture).
- October 1982 Fourth International Conference on Comparative Virology, Control of Viral Diseases, Banff, Alberta, Canada, 17-22 October, 1982.
"BVDU (bromovinyldeoxyuridine) : current status in antiviral therapy" (invited lecture).
- November 1982 International Symposium on Nucleic Acid Chemistry, Kyoto, Japan, 24-26 November, 1982.
- "Design of nucleoside, oligonucleotide and polynucleotide analogues as antiviral agents" (invited lecture).
- Chairman of Session on "Polynucleotide conformation", (invited).
- December 1982 International Symposium on Medical Virology, Anaheim, California, USA, 2-4 December, 1982.
"Selective antiherpes drugs" (invited lecture).
- March 1983 Symposium on Antiviral Agents : Chemistry and Biochemistry, organized by the Divisions of Carbohydrate Chemistry and Medicinal Chemistry, 185th National Meeting of the American Chemical Society, Seattle, Washington, USA, 20-25 March, 1983.
"Antiviral activity of 5-substituted 2'-deoxyuridines" (invited lecture).
- May 1983 Eighth Scandinavian Virus Symposium, Aarhus, Denmark, 4-6 May, 1983.
- "Prophylaxis and treatment of viral infections" (invited lecture).
- Chairman of the Session on "Prophylaxis and Treatment of Viral Infections" (invited).
- May 1983 International Conference on The Physiology and the Pathology of The Interferon System, Slovak Academy of Sciences, Smolenice Castle (near Bratislava), Czechoslovakia, 16-20 May, 1983.
"Poly(G).poly(C) as an inducer of interferon" (invited lecture).
- June 1983 Eighth Scottish-Scandinavian Conference on Infectious Diseases, Tampere, Finland, 8-11 June, 1983.
"Recent developments in antiherpes chemotherapy" (invited lecture).
- June 1983 International Symposium on Antiviral Compounds and Wound Healing, Universitäts-Augenklinik Eppendorf, Hamburg, Federal Republic of Germany, 14-16 June, 1983.
- "Broad-spectrum antiviral activity of adenosine analogues" (invited lecture).
- Chairman of the Session on "Peptides, Antivirals and Wound Healing" (invited).
- June-July 1983 NATO Advanced Study Institute/FEBS Advanced Course on Targets for the Design of Antiviral Agents, Les Arcs, France, 19 June-2 July, 1983.
- "Pyrimidine nucleoside analogues as antiviral agents" (invited lecture).
- Organizer, Director and Chairman of the NATO/FEBS Course.
- August-September 1983 Thirteenth International Congress of Chemotherapy, Vienna, Austria, 28 August-2 September, 1983.
- "A review of the new antiherpes agents" (invited lecture).
- Chairman of the Session on "New Advances in the Therapy of Herpes Infections" (invited).
- "5-Ethyl-2'-deoxyuridine derivatives potentiate the cytotoxicity of cytosine arabinoside analogs for murine leukemia L1210 cells".

- November 1983 WHO (World Health Organization) Meeting on Recent Progress towards the Prevention and Control of Herpesvirus Diseases, Geneva, Switzerland, 14-18 November, 1983.
"Chemotherapy of herpesvirus diseases" (invited lecture).
- November 1983 EC (European Commission) Workshop on Antiviral Research, Amsterdam, The Netherlands, 25-26 November, 1983.
- "Current status of research on BVDU [(E)-5-(2-bromovinyl)-2'-deoxyuridine]" (invited lecture).
- Co-Chairman of the Workshop.
- December 1983 Fourth Virology Meeting of the British Society for Antimicrobial Chemotherapy, New Addenbrooke's Hospital, University of Cambridge, Cambridge, England, 9 December, 1983.
- "The antiviral spectrum of BVDU [(E)-5-(2-bromovinyl)-2'-deoxyuridine]".
- Chairman of the Session on "New Data in Viral Chemotherapy" (invited).
- January 1984 Symposium on Biology, Diagnosis and Specific Treatment of Infections caused by the Herpes Group of Viruses, Lääketiede 1984 Medicine Congress, Helsinki, Finland, 9-10 January 1984.
"Promises and failures of antiviral chemotherapy" (invited lecture).
- April 1984 UCLA Symposia on Molecular and Cellular Biology, Burroughs Wellcome Company UCLA Symposium on Herpesvirus, Keystone, Colorado, USA, 8-13 April 1984.
- "Comparative efficacy of different antiviral agents in the topical treatment of cutaneous HSV-1 and HSV-2 infections in hairless mice" (invited lecture).
- "Therapeutic potentials of bromovinyldeoxyuridine (BVDU) in the treatment of herpesvirus infections" (invited lecture).
- May 1984 International Symposium on Herpetic Eye Diseases, Leuven, Belgium, 17-19 May 1984.
- "New antiviral drugs for the treatment of herpesvirus infections" (invited lecture).
- Chairman at the Symposium (invited).
- May 1984 International Symposium on Antimicrobial Agents and Immunity (Organizers : Prof. Dr. J. Jeljaszewicz & Prof. Dr. G. Pulverer), Heppenheim, Federal Republic of Germany, 23-27 May 1984.
"Antiviral agents and immune system" (invited lecture).
- July 1984 Gordon Research Conference on Purines, Pyrimidines and Related Compounds, Plymouth State College, New Hampshire, USA, 23-27 July 1984.
"Biochemistry of new antiviral compounds" (invited lecture).
- July-August 1984 Ninth International Congress of Pharmacology, London, England, 29 July-3 August 1984.
"Modes of action of interferon and analogues of 2-5A, a mediator of interferon action" (invited lecture).
- August 1984 Eighth International Symposium on Medicinal Chemistry, Biomedical Center, University of Uppsala, Uppsala, Sweden, 27-31 August, 1984.
"Bromovinyluracil nucleoside analogues as antiherpes agents" (invited lecture).

- September 1984 Sixth International Congress of Virology, Sendai, Japan, 1-7 September 1984.
- "Regeneration of the antiviral drug bromovinyldeoxyuridine from its degradation product bromovinyluracil" (invited lecture).
- Chairman of the Workshop T-34 on "Therapy of Virus Diseases; Antiviral Compounds" (invited).
- September 1984 Eleventh Symposium on Developmental Pharmacology (Organizer : Prof. Dr. T. Fujimoto), Nagoya, Japan, 7-8 September 1984.
"Potentials of antiherpes agents in the treatment of herpesvirus infections in children with cancer" (invited lecture).
- September 1984 International Symposium on Pharmacological and Clinical Approaches to Herpes Viruses and Virus Chemotherapy, Oiso, Japan, 10-13 September 1984.
- "Clinical potentials of BVDU (bromovinyldeoxyuridine)" (invited lecture).
- Chairman of the Session on "Clinical Experience with New Antiherpetic Compounds in Genital and Systemic Diseases" (invited).
- October 1984 Sixth International Round Table on Nucleosides, Nucleotides and their Biological Applications, La Grande Motte (Montpellier), France, 9-12 October 1984.
- "Targets for the antiviral and antitumor activities of nucleoside, nucleotide and oligonucleotide analogues" (invited plenary lecture).
- Chairman of the Communication Session (invited).
- January 1985 Symposium on Chemotherapy of Herpesvirus Infections (Organizer: Prof. Dr. H. Kirchner, Institute of Virus Research, German Cancer Research Center), Heidelberg, Federal Republic of Germany, 12 January 1985.
"General aspects of antiherpetic chemotherapy" (invited lecture).
- March 1985 Symposium on Infections in Tumor Patients (Organizer: Prof. Dr. U. Jehn), Medizinische Klinik III, Klinikum Grosshadern (Director : Prof. Dr. W. Wilmanns), München, Federal Republic of Germany, 30 March 1985.
"Problems and new aspects of antiviral treatment" (invited lecture).
- April 1985 Negentiende Vergadering van de Vereniging voor Infectieziekten, Andreas Ziekenhuis, Amsterdam, The Netherlands, 26-27 April 1985.
"Antiviral therapy: bromovinyldeoxyuridine/guanosine analogues" (invited lecture).
- May 1985 First International TNO Conference on Antiviral Research (Netherlands Organization of Applied Scientific Research), Rotterdam, The Netherlands, 30 April-3 May 1985.
- "Recent trends and developments in antiviral chemotherapy" (invited lecture).
- Chairman of the Session on "Antiviral Chemotherapy" (invited).
- Member of the Organizing Committee.
- May 1985 International Meeting on Advances in Virology, Catania, Italy, 15-18 May 1985.
- "Selective inhibitors of viral functions" (invited plenary lecture).
- Chairman of Session on "Problems in Viral Chemotherapy" (invited).
- May 1985 European Symposium on Bio-organic Chemistry (ESBOC), Nucleosides and Nucleotides in Nature, Gregynog, University of Wales, Wales, United Kingdom, 17-20 May 1985.
"Carbocyclic analogues of pyrimidine nucleosides: metabolism by and incorporation into DNA of herpes simplex virus-infected cells" (invited lecture).

- June 1985 AIDS Antiviral Agent Workshop, Public Health Service, National Institutes of Health, Bethesda, Maryland, USA, 3 June 1985.
Discussion on the use of suramin and other reverse transcriptase inhibitors in the treatment of patients with AIDS ("Acquired Immune Deficiency Syndrome") (invited).
- June 1985 Symposium on Prevention and Treatment of Viral Infections, Bechyne Castle, Czechoslovakia, 17-19 June 1985.
- "New trends in the development of antiviral agents" (invited opening lecture).
- Chairman of the Session on "Antivirals and Chemotherapy" (invited).
- August 1985 Second International Conference on Synthetic Oligonucleotides in Molecular Biology, Uppsala University, Sweden, 18-24 August 1985.
- "Nucleoside analogues as potential antiviral and antitumor agents" (invited lecture).
- Chairman of Session (invited).
- September 1985 Thirty-eighth Symposium of the Society for General Microbiology on the Scientific Basis of Antimicrobial Chemotherapy (104th Ordinary Meeting of the Society for General Microbiology), Nottingham, England, 16-19 September 1985.
"Antiviral agents" (invited lecture).
- September 1985 International Symposium on Antiviral Drugs, sponsored by the American Institute of Chemists, Chicago, Illinois, USA, 18-20 September 1985.
"The development of bromovinyldeoxyuridine" (invited lecture).
- October 1985 First International Conference of Anticancer Research, Loutraki, Greece, 26-30 October 1985.
"Potential of bromovinyldeoxyuridine in anticancer chemotherapy".
- April 1986 Seventeenth Annual Meeting of the Federation of American Societies for Experimental Biology (FASEB), St. Louis, Missouri, USA, 13-18 April 1986.
Symposium on Antiviral Chemotherapy of Herpes, Influenza and AIDS, Biochemical and Clinical Pharmacology (Organizer : Prof. Dr. P.S. Lietman).
"Suramin in the treatment of AIDS : mechanism of action" (invited lecture).
- April 1986 Third Meeting on Bioorganic Chemistry of the Czechoslovak Chemical Society, Liblice, Czechoslovakia, 21-23 April 1986.
- "Recent approaches toward the development of new antiviral agents" (invited lecture).
- Chairman of the Session on "Synthetic Nucleoside Analogues in Biology and Medicine" (invited).
- May 1986 Fifth International Conference on Comparative Virology, Château Lake Louise, Alberta, Canada, 4-9 May 1986.
- "Nucleoside analogues in the chemotherapy of virus infections" (invited plenary lecture).
- Chairman of the Session on "Antiviral Chemotherapy" (invited).
- June 1986 Antibiotics 86 Meeting, Granada, Spain, 19-24 June 1986.
"Nucleoside analogues as antiviral agents" (invited lecture).
- July 1986 Second Congress of the Mediterranean Society of Therapy, Istanbul, Turkey, 20-25 July 1986.
"Antiviral drugs active against DNA viruses" (invited lecture).

- July 1986 Ninth International Congress of Infectious and Parasitic Diseases, Munich, Federal Republic of Germany, 20-26 July 1986.
"Antiviral chemotherapy : acquired immune deficiency syndrome (AIDS)" (invited lecture).
- July-August 1986 Third World Conference on Clinical Pharmacology and Therapeutics, Stockholm, Sweden, 27 July-1 August 1986.
- "New developments in antiviral chemotherapy" (invited lecture).
- Chairman and Organizer of the Symposium on "Clinical Use of Antiviral Drugs" (invited).
- September 1986 Ninth International Symposium on Medicinal Chemistry, Berlin (West), Federal Republic of Germany, 14-18 September 1986.
"New antiviral agents" (invited main lecture).
- September 1986 Third International Symposium of Clinical Microbiology, Spoleto, Italy, 18-20 September 1986.
- "Virus-drug resistance" (invited lecture).
- Chairman of the Session on "Virus Infections" (invited).
- September 1986 Fifth CHEMRAWN (Chemical Research Applied to World Needs) Conference on "Current and Future Contributions of Chemistry to Health - The New Frontiers", Heidelberg, Federal Republic of Germany, 22-26 September 1986.
- "Recent trends and developments in antiviral chemotherapy" (invited lecture).
- Participant in Panel Discussion on "Perspectives of Antibacterial, Antimycotic and Antiviral Chemotherapy" (invited).
- September-October 1986 Seventh International Round Table on Nucleosides, Nucleotides and their Biological Applications, Konstanz, Federal Republic of Germany, 30 September-3 October 1986 (Organizer : Prof. Dr. W. Pfeleiderer).
"New nucleoside and nucleotide analogues with therapeutic potential as antiviral agents" (invited plenary lecture).
- November 1986 International Symposium on Frontiers in Microbiology (dedicated to the memory of Prof. Dr. P. De Somer), Katholieke Universiteit Leuven, 20-22 November 1986.
- Chairman of the Organizing Committee.
- Chairman of the Session on "New Horizons in Virus Research", with an introductory lecture to this session.
- March 1987 Seventh International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, 3-6 March 1987.
"Antiviral chemotherapy : potential drugs for the treatment of severe virus infections" (invited lecture).
- March 1987 WHO (World Health Organization) Meeting on Progress in Development and Use of Antiviral Drugs and Interferons, Geneva, Switzerland, 10-13 March 1987.
- "New developments in antiviral chemotherapy" (invited lecture).
- Chairman of the Meeting (elected).
- May 1987 Ninth European Conference of Internal Medicine, Bologna, Italy, 6-9 May 1987.
"Viral chemotherapy" (invited lecture).

- May 1987 Fifth Annual ECP (European Organization for Cooperation in Cancer Prevention Studies) Symposium, Brussels, Belgium, 8-9 May 1987.
- "Phosphonylmethoxyalkyl derivatives of purines and pyrimidines : a new class of antiviral agents active against both herpesviruses and retroviruses" (invited lecture).
 - Member of the Scientific Committee.
- May 1987 NATO Advanced Study Institute/FEBS Advanced Course on Antiviral Drug Development : A Multidisciplinary Approach, Il Ciocco, Italy, 10-23 May 1987.
- "Molecular targets : general principles" (invited lecture).
 - Organizer, Director and Chairman of the NATO/FEBS Course.
- June 1987 Third International Conference on AIDS, Washington, D.C., USA, 1-5 June 1987.
- Chairman of the Session on "Virology - Antivirals" (invited).
- June-July 1987 Eighteenth FEBS (Federation of European Biochemical Societies) Meeting, Ljubljana, Yugoslavia, 28 June-3 July 1987.
- "Biochemistry of antiviral agents" (invited lecture).
 - Chairman of the Session on "Biochemical Approaches to Therapy of Viral Diseases" (invited).
- July 1987 Fifteenth International Congress of Chemotherapy, Istanbul, Turkey, 19-24 July 1987.
- "Phosphonylmethoxyalkylpurines and -pyrimidines : a new class of broad-spectrum anti-DNA virus agents" (invited lecture).
- August 1987 Tenth International Congress of Pharmacology, Sydney, Australia, 23-28 August 1987.
- "Strategies in the development of antiviral agents" (invited plenary lecture).
 - Chairman of the Symposium on "New Approaches to Antiviral Chemotherapy" (invited).
 - "Introductory remarks" to Symposium on "New Approaches to Antiviral Chemotherapy".
 - "Comments on new antiviral agents active against the AIDS virus" (Symposium on "New Approaches to Antiviral Chemotherapy").
- September 1987 EC (European Community) AIDS Basic Research Programme Meeting on Coordination of Research on Antiviral Drug Development against AIDS, Leuven, Belgium, 10 September 1987.
- Chairman of the Meeting.
- September 1987 International Congress on Nucleic Acid Interactions, University of Padova, Villa Contarini, Padova, Italy, 13-17 September 1987.
- "Mechanism of action of antiviral agents : interactions with DNA and with DNA polymerase" (invited lecture).
- September 1987 International Symposium on Basic and Therapeutic Aspects of Antiviral Drugs, Copanello (Catanzaro), Italy, 17-19 September 1987.
- "Viral DNA polymerases as targets for the antiviral action of nucleoside analogues" (invited lecture).
 - Session Chairman at the Symposium (invited).

- September-
October 1987 Second Séminaire d'Automne de Troisième Cycle en Sciences Pharmaceutiques, Champéry, Switzerland, 28 September-2 October 1987.
- "Analogues de nucléosides et de nucléotides comme agents antiviraux" (invited lecture).
 - Modérateur (Chairman) de la Table Ronde sur le Métabolisme des Médicaments (Drug Metabolism) (invited).
- October 1987 Seventh International Symposium of the Socialist Countries on Antiviral Substances, Bulgarian Academy of Sciences, Varna, Bulgaria, 12-14 October 1987.
- "New developments in antiviral chemotherapy" (invited lecture).
 - Chairman of the Session on "Methods of Experimental Chemotherapy of Viral Infections" (invited).
- October 1987 First International Workshop on New Perspectives in Cancer Research, Halkis, Greece, 15-18 October 1987.
- "Perspectives for the chemotherapy of AIDS" (invited lecture).
 - Chairman of Session 3 of the Workshop (invited).
- November 1987 Annual Meeting of the Virology Section of the Société Française de Microbiologie sur "La Chimiothérapie Antivirale", Institut Pasteur, Paris, France, 19 November 1987.
- "Développements récents dans le domaine de la chimiothérapie antivirale" (invited lecture).
- November 1987 Colloque INSERM (Institut National de la Santé et de la Recherche Médicale) - SNIP (Syndicat National de l'Industrie Pharmaceutique) sur les "Nouvelles Approches en Chimiothérapie Antivirale", Ministère de la Recherche et de l'Enseignement Supérieur, Paris, France, 20 November 1987.
- "Inhibiteurs des polymérases virales" (invited lecture).
- December 1987 The Wellcome International Antiviral Symposium, Monte-Carlo, Monaco, 2-4 December 1987.
- Chairman of the Session on Varicella Zoster Infections (invited).
- December 1987 AIDS Retreat, Sandoz Forschungsinstitut, Vienna, Austria, 12-14 December 1987.
- "Inhibitors of HIV (Human Immunodeficiency Virus) reverse transcriptase" (invited lecture).
 - Discussion on the Use of Animal Models for Retrovirus Infection (invited).
- December 1987 Twentieth Anniversary Nucleotide Group Meeting Celebrating 40 Years of Nucleic Acids Research at Birmingham University, Chemistry Department, Birmingham University, Birmingham, England, 14-16 December 1987.
- "Antiviral chemotherapy : a renaissance" (invited lecture).
- January 1988 Symposium on Treatment of Virus Infections (110th Ordinary Meeting of the Society for General Microbiology), Southampton, England, 6-8 January 1988.
- "Chemical basis of antiviral action" (invited lecture).
- March 1988 Gordon Research Conference on Chemotherapy of AIDS, Oxnard, California, USA, 14-18 March 1988.
- "Anti-HIV activity of 3'-azido- and 3'-fluoro-substituted 2',3'-dideoxynucleoside analogues, and phosphonylmethoxyalkylpurine and -pyrimidine derivatives" (invited lecture).

- March 1988 Second International Conference on the Impact of Viral Diseases on the Development of Latin American Countries and the Caribbean Region, Mar del Plata, Argentina, 20-25 March 1988.
- "Chemotherapy of DNA virus and retrovirus infections" (invited lecture).
 - Chairman of the Workshop on "Antiviral Chemotherapy and Immunomodulators" (invited).
- April 1988 Second International Conference on Antiviral Research, Williamsburg, Virginia, USA, 10-14 April 1988.
- "Development of nucleoside analogs for inhibition of HIV replication" (invited plenary lecture).
- April 1988 International Meeting on Treatment of AIDS, Genval, Belgium, 20-21 April 1988.
- "Antiviral agents against AIDS virus" (invited lecture).
- April 1988 British Society for Antimicrobial Chemotherapy (BSAC) Meeting on Therapy of HIV and AIDS-related Infections, Stratford upon Avon, England, 21-22 April 1988.
- "Potential for future developments in drug therapy of HIV infection" (invited lecture).
- April 1988 International Symposium on Present Development of HIV Research in 1988, IRE-Medgenix Benelux, Brussels, Belgium, 29 April 1988.
- "Selective inhibitors of HIV" (invited lecture).
- May 1988 Second International Skin Therapy Symposium, Antwerp, Belgium, 5-7 May 1988.
- "New antiviral agents for herpes simplex/herpes zoster" (invited lecture).
- May 1988 Sixth Mediterranean Congress of Chemotherapy, Taormina-Giardini Naxos, Italy, 22-27 May 1988.
- "Inhibition of the replication of DNA viruses by phosphonyl-methoxyalkylpurines and -pyrimidines" (invited lecture).
 - "Perspectives for the chemotherapy of AIDS" (invited lecture).
 - "Antiviral chemotherapy : past, present and future" (invited lecture).
 - Chairman of the Session on "Infections in Immunocompromised Patients" (invited).
 - Chairman of the Session on "Antiviral Chemotherapy" (invited).
- June 1988 Twenty-second Villejuif-Paris International Cancer Week (Organizer : Prof. G. Mathé), Symposium on Cancer and AIDS, Antiviral, Hormonal, Nutritional and Immunotherapy, Paris, France, 8-9 June 1988.
- "New dideoxynucleoside analogues" (invited lecture).
 - "Sulfated polysaccharides" (invited lecture).
- June 1988 Fourth International Conference on AIDS, Stockholm, Sweden, 12-16 June 1988.
- Chairman of the Round Table on "Developments in Antiviral Therapy" (invited).
- June 1988 International Symposium on Basic and Clinical Approaches to Virus Chemotherapy, Helsinki, Finland, 19-22 June 1988.
- "New antiviral agents with potential usefulness in the chemotherapy of AIDS" (invited lecture).
- July 1988 Fourteenth International Congress of Biochemistry, Prague, Czechoslovakia, 10-15 July 1988.
- "Antiviral activity of new nucleoside and nucleotide analogues" (invited lecture).

- August 1988 Tenth International Symposium on Medicinal Chemistry, Budapest, Hungary, 15-19 August 1988.
 - "New antiviral agents active against the AIDS virus" (invited lecture).
 - Chairman of a Session (invited).
- August-September 1988 Nineteenth International Congress of Internal Medicine, Brussels, Belgium, 28 August-2 September 1988.
 "Chemotherapeutic approaches to the treatment of the acquired immune deficiency syndrome" (invited lecture).
- August-September 1988 Bayer AG Centenary Symposium, Washington, D.C., 31 August-3 September 1988.
 "Molecular targets for antiviral agents" (invited lecture).
- September 1988 Working Party on New Therapeutic Protocols for the Treatment of H.I.V. Infection, European Federation for AIDS Research (Chairman : Prof. Dr. L. Montagnier), Paris, France, 26 September 1988.
 "Overview of the Antivirals" (invited lecture).
- October 1988 Eighth International Round Table on Nucleosides, Nucleotides and their Biological Applications, Perdido Beach Hilton, Orange Beach, Alabama, USA, 2-5 October 1988.
 "Anti-HIV activity of nucleoside and nucleotide analogues" (invited plenary lecture).
- October 1988 International Titisee Conference on Antiretroviral Chemotherapy, Titisee, Schwarzwald, Federal Republic of Germany, 6-9 October 1988.
 "Role of reverse transcription inhibition in the mechanism of action of anti-HIV agents" (invited lecture).
- October 1988 International Symposium on AIDS, San Marino Conferences on Highlights in Medical Virology, Immunology and Oncology (Chairman : Prof. Dr. R.C. Gallo), San Marino, 10-14 October 1988.
 - "New anti-HIV agents and potential drugs for the treatment of AIDS" (invited lecture).
 - Chairman of the Session on "Antivirals" (invited).
- October-November 1988 NIH (National Institutes of Health) AIDS National Cooperative Drug Discovery and Development Meeting, Oakland, California, USA, 30 October-2 November 1988.
 Invited participant.
- March 1989 Second Biennial Conference on Chemotherapy of Infectious Diseases and Malignancies, Montreux, Switzerland, 5-8 March 1989.
 - "Chemotherapeutic approaches towards virus infections" (invited lecture).
 - Chairman of Symposium on "Virology" (invited).
- March-April 1989 Fourth International Symposium on Clinical Microbiology, organized by the First University of Rome "La Sapienza" and the Second University of Rome "Tor Vergata", Monte Porzio Catone (near Rome), Italy, 30 March-1 April 1989.
 - "Chemotherapy of viral infections in immunocompromised patients" (invited lecture).
 - Chairman of Session on Viral Infections (invited).
- April 1989 Symposium on Biochemical Aspects of Antiviral Drugs and Vaccines (113th Ordinary Meeting of the Society for General Microbiology), University of Cambridge, England, 4-7 April 1989.
 "Approaches to chemotherapy of HIV infection" (invited lecture).

- July 1989 Sixth AIDS Clinical Trials Group (ACTG) Meeting, AIDS Program of the National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, USA, 12-14 July 1989.
"New anti-HIV compounds as potential AIDS drugs" (invited plenary lecture).
- July 1989 Fourth World Conference on Clinical Pharmacology and Therapeutics, Mannheim-Heidelberg, Federal Republic of Germany, 23-28 July 1989.
- "Fundamental aspects of anti-AIDS chemotherapy" (invited lecture).
- Chairman of the Symposium on "AIDS: approaches to control and treatment strategies" (invited).
- August 1989 BMC (Biomedical Center) Summer Course on "Current Status of HIV Research", Uppsala, Sweden, 13-18 August 1989.
"New perspectives in the chemotherapy of AIDS" (invited lecture).
- September 1989 Seventh Noordwijkerhout-Camerino Symposium on "Trends in Drug Research", Noordwijkerhout, The Netherlands, 5-8 September 1989.
"New developments in anti-AIDS drug research" (invited lecture).
- September 1989 Herbsttagung, Deutsche Gesellschaft für Pharmakologie und Toxikologie, Symposium "Gegenwärtige Schwerpunkte der antimikrobiellen Arzneimittelforschung", Köln, Federal Republic of Germany, 18-21 September 1989.
"Molecular targets for new anti-HIV agents" (invited lecture).
- September 1989 Institut de la Vie International Symposium on "Biomedical Research Strategy on AIDS", Yverdon-Les-Bains, Switzerland, 24-28 September 1989.
- "New developments in the search for effective anti-AIDS drugs" (invited lecture).
- Chairman of the Session on "Antiviral Therapy" (invited).
- October 1989 International Symposium on Antiviral Chemotherapy, Porto Cervo, Sardinia, Italy, 1-5 October 1989.
- "Approaches toward the chemotherapy of AIDS" (invited lecture).
- Chairman of the Session on "Chemistry of Antiviral Agents" (invited).
- Member of Organizing Committee.
- November 1989 Fourth International Conference "To Life: Why", Pontificium Consilium de Apostolatu Pro Valetudinis Administris, Vatican City, 13-15 November 1989.
"Prospects for antiviral drugs in the treatment of human retrovirus infections" (invited lecture).
- January 1990 First Japan Conference on Antiviral Research, Japan Society for Antiviral Research, Tokyo, Japan, 19-20 January 1990.
"Development of selective anti-HIV agents" (invited plenary lecture).
- March 1990 Eleventh Kongress der Gesellschaft für Mikrobiologie und Epidemiologie der DDR (mit internationaler Beteiligung), Erfurt, DDR, 5-9 March 1990.
- "Recent developments in the search for effective anti-AIDS drugs" (invited lecture).
- Chairman of session on "Antiviral Chemotherapy" (invited).
- March 1990 Ninth International Symposium on Future Trends in Chemotherapy, Geneva, Switzerland, 26-28 March 1990.
- "Future trends in antiviral chemotherapy" (invited plenary lecture).
- Chairman of Session on Antivirals (invited).

- April 1990 Second National Congress of Virology (II Congreso Nacional de Virologia), Sociedad Espanola de Virologia, Valladolid, Spain, 17-20 April 1990.
 - "Antiviral therapy of herpesvirus infections" (invited lecture).
 - "Antiviral therapy of retrovirus infections" (invited lecture).
 - Chairman of Session on Advances in Antiviral Therapy (invited).
 - Chairman of Session on AIDS (invited).
- April 1990 Third International Conference on Antiviral Research, Brussels, Belgium, 22-27 April 1990.
 - Organizer of the Conference.
 - Chairman of the Minisymposium on HIV infections.
 - Opening remarks.
 - Closing remarks.
- May 1990 Seventh World Congress of Cervical Pathology and Colposcopy, Special Symposium on Chemoprevention and Antiviral Chemotherapy, Rome, Italy, 13-17 May 1990.
 "New perspectives for the chemotherapy of herpes- and retrovirus infections" (invited lecture).
- May 1990 Janssen Research Foundation Bio-Science Advisory Committee Meeting on "Progress in the Treatment of the Common Cold and AIDS", Beerse, Belgium, 15-16 May 1990.
 "Molecular targets for antiviral compounds, and in particular anti-HIV compounds" (invited lecture).
- May 1990 Voorjaarsvergadering van de Nederlandse Vereniging voor Microbiologie, Nederlandse Vereniging van Laboratorium-artsen, de Medigon-Werkgemeenschap "Microbiële Pathogenese" en de Stichting Kwaliteitsbewaking Medische Microbiologie, De Blije Werelt, Lunteren, The Netherlands, 16-17 May 1990.
 "Antivirale chemotherapie" (invited lecture).
- May 1990 Third International Skin Therapy Symposium, Brussels, Belgium, 17-19 May 1990 (President: Prof. Dr. Stuart Maddin, University of British Columbia, Vancouver, Canada).
 "Varicella-zoster virus infections: current drugs of choice" (invited lecture).
- May 1990 Seventh Mediterranean Congress of Chemotherapy, Symposium on "Viral Infections: Therapeutic Perspectives", Barcelona, Spain, 20-25 May 1990.
 "New anti-HIV drugs" (invited lecture).
- May 1990 European Course on Hospital Antimicrobial Chemotherapy, Fondation Mérieux, Les Pensières, Chavoires, Veyrier-du-Lac, Annecy, France, 23 May - 3 June 1990.
 "Mechanisms of action of and resistance to antiviral drugs" (invited lecture).
- June 1990 Sixth International Conference on AIDS, San Francisco, California, USA, 20-24 June 1990.
 "Basic approaches to anti-retroviral treatment" (invited plenary lecture).
- July 1990 Les 26èmes Rencontres Internationales de Chimie Thérapeutique, Société de Chimie Thérapeutique, Faculté de Pharmacie, Montpellier, France, 3-5 July 1990.
 "Strategies in the development of selective antiviral agents" (invited lecture).
- July 1990 Molecular Approaches to the Therapy of HIV Infection, Society for Drug Research Meeting, Robinson College, Cambridge, England, 9-11 July 1990.
 "In vitro evaluation of anti-HIV-1 compounds" (invited lecture).

- July-August 1990 Ninth International Round Table on Nucleosides, Nucleotides & their Biological Applications, Uppsala, Sweden, 30 July - 3 August 1990.
"Antiviral activity spectrum of nucleoside and nucleotide analogues" (invited plenary lecture).
- July-August 1990 The Amsterdam International Medical Summer School on "Recent Advances in Immunology and Infectious Diseases", Faculty of Medicine, University of Amsterdam, Amsterdam, The Netherlands, 16 July - 10 August 1990.
"State of the art of antiviral treatment" (invited lecture).
- August 1990 Eighth International Congress of Virology, Berlin, Germany, 26-31 August 1990.
Chairman, Workshop on Antiviral Drugs (invited).
- September 1990 Fourth Joint Meeting of the Biochemical Societies of France, Switzerland and Germany, Konstanz, Germany, 17-19 September 1990.
"Antiviral activity of acyclic nucleotide analogues" (invited lecture).
- October 1990 Workshop on Viral Resistance, sponsored by the National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH) and Food and Drug Administration (FDA), Washington DC, USA, 1-2 October 1990.
Chairman (together with Prof. Dr. B. Roizman) of Session on *In Vitro* Studies (invited).
- November 1990 XV^{es} Journées d'Orléans "Virus et Rétrovirus: Perspectives Thérapeutiques", Université d'Orléans, Orléans-La Source, France, 29-30 November 1990.
"Nouvelles acquisitions dans le domaine de la chimiothérapie antivirale" (invited lecture).
- February 1991 WHO (World Health Organization) Scientific Meeting on Factors for Progression to AIDS: Intracellular Pathogenic Mechanisms Offering Opportunities for Therapeutic Interventions, Geneva, Switzerland, 18 February 1991.
- "TIBO and other non-nucleoside RT-inhibitors" (invited lecture).
- Chairman of the Meeting (invited).
Consulting Meeting with Dr. H. Nakajima, Director-General of WHO (World Health Organization), on Anti-AIDS Drug Development and Infectious Co-Factors in AIDS (host: Prof. Dr. L. Kallings, WHO Global Programme on AIDS).
- March 1991 I Congreso Nacional Sobre el Sida, Madrid, Spain, 5-8 March 1991.
"New developments in the search for effective anti-AIDS drugs" (invited lecture) (host: Dr. R. Najera Morrondo, Director del Instituto de Salud Carlos III del Ministerio de Sanidad y Consumo, Madrid).
- March 1991 International Conference on "Antiviral Drugs: From the Laboratory to the Patient", IBC (International Business Communications) Technical Services, London, England, 11-12 March 1991.
- Chairman of the Conference (invited).
- "Antiviral drug development - New lead compounds" (invited lecture).
- April 1991 Fourth International Conference on Antiviral Research, New Orleans, Louisiana, USA, 21-26 April 1991.
- "Opening remarks" (as President of the International Society for Antiviral Research).
- "Structure and functioning of the International Society for Antiviral Research".
- Chairman of Minisymposium on Molecular Targets for Antiviral Agents.
- Meetings of the Board of Directors, the Officers and the International Advisory Committee of the International Society for Antiviral Research.
- Editorial Board Meeting of the Journal "Antiviral Research".

- Editorial Board Meeting of the Journal "Antiviral Chemistry and Chemotherapy".
 - Meeting of the Program Committee of the Fifth International Conference on Antiviral Research (to be held in Vancouver, Canada, 8-13 March 1992).
- May 1991 First European Medicinal Chemistry Conference (MedChemCo), Erbismühle, Weilrod-Neuweilnau, Germany, 8-12 May 1991.
- "New leads toward the chemotherapy of retrovirus (human immunodeficiency virus) infections" (invited lecture).
 - Chairman of the session "HIV-Retroviruses" (invited).
- May 1991 GESA XXI (Groupe d'Etude Structure Activité), La Rochelle, France, 14-17 May 1991.
- "Récents développements en chimiothérapie antivirale" (invited lecture).
 - Chairman of Session on Anti-infective Chemotherapy (invited).
- May 1991 New York Academy of Sciences, Biochemical Pharmacology Discussion Group, New York, New York, 21 May 1991.
- "Non-nucleoside (TIBO, HEPT) inhibitors of HIV-1 reverse transcriptase" (invited lecture).
- May 1991 Fifth International Conference on Immunopharmacology, Tampa, Florida, USA, 26-30 May 1991.
- "Prospects with antiviral therapy" (invited lecture).
 - Chairman of the Session on AIDS (invited).
- June 1991 International Symposium on Antiviral, Vaccines and Immunotherapy of HIV Infection, St. Petersburg, Florida, USA, 31 May - 2 June 1991.
- "Perspectives for the therapeutic use of acyclic nucleoside phosphonates" (invited lecture).
 - Chairman of "Antiviral Drugs" Session (invited).
- June 1991 Seventh International Conference on AIDS, Florence, Italy, 16-21 June 1991.
- Chairman, Session on Drug Development (invited, delegated to J. Balzarini).
- June 1991 Third International Symposium on Molecular Aspects of Chemotherapy, Golansk, Poland, 19-21 June 1991.
- "Anti-HIV agents interfering with the viral gp120-cellular CD4 interaction" (invited lecture, delegated to D. Schols).
- July 1991 Gordon Research Conference on Purines, Pyrimidines and Related Compounds, Salve Regina College, Newport, Rhode Island, USA, 8-12 July 1991.
- "Antiretroviral activity and metabolism of acyclic phosphonate analogues" (invited lecture, jointly with and delegated to J. Balzarini).
- September 1991 The Alfred Benzon Symposium no 33 on "New Leads and Targets in Drug Research", Royal Danish Academy of Sciences and Letters, Copenhagen, Denmark, 1-5 September 1991.
- "Novel molecular target for AIDS chemotherapy" (invited lecture).
- September 1991 X Summer Courses, III European Courses, Cursos de Verano en San Sebastian, Donostian Udako Ikastaroak. SIDA: Un Desafio Para La Sociedad, San Sebastian, Spain, 2-6 September 1991.
- "Perspectives for the treatment of AIDS" (invited lecture).
- September 1991 Cinquièmes Journées Franco-Belges de Pharmacochimie, Institut de Chimie Pharmaceutique de l'Université de Lille II, Lille, France, 26-27 September 1991.
- "Nouvelles acquisitions dans le domaine des antiviraux" (invited lecture).

- November 1991 First Meeting of the Pediatric European Network for Treatment of AIDS in HIV-Infected Children (PENTA), Maison de la Recherche, Association Internationale pour la Recherche Médicale (AIRMEC), Paris, France, 15-16 November 1991.
"Development of anti-HIV drugs" (invited lecture).
- November 1991 Meeting on "Combination Therapies in AIDS: Issues and Perspectives", organized by the Food and Drug Administration (FDA) and National Institute of Allergy and Infectious Diseases (NIAID), Bethesda, Maryland, USA, 19-21 November 1991.
- Ribavirin and anti-HIV nucleoside analogs: drug interactions (invited lecture).
- Chairman of session "*In vitro* experimental models for evaluating combination drug therapies" (invited).
- Panel discussion on "Transition of preclinical studies to clinical applications".
- November 1991 Program Committee Meeting for the Vth International Conference on Antiviral Research (Vancouver, Canada, 8-13 March 1992), Bethesda, Maryland, USA, 21-22 November 1991.
- January 1992 EORTC International Antimicrobial Therapy Cooperative Group Meeting (34th Working Meeting), Institut Jules Bordet, Brussels, Belgium, 8-9 January 1992.
"New anti-herpesvirus drugs under development" (invited lecture).
- March 1992 Fifth International Conference on Antiviral Research, Vancouver, British Columbia, Canada, 8-13 March 1992.
- Welcome remarks.
- "Potent and selective inhibition of HIV-1 and HIV-2 replication by a novel class of bicyclams targeted at viral uncoating".
- Business remarks on the International Society for Antiviral Research.
- Chairman of Minisymposium on "New horizons in antiviral research" (invited).
- March 1992 Gordon Research Conference on the Chemotherapy of AIDS, Oxnard, California, USA, 16-20 March 1992.
Discussion Leader (Chairman) of Session on "Non-nucleoside anti-HIV drugs" (invited).
- March 1992 Tenth Future Trends in Chemotherapy, Interdisciplinary World Congress on Antimicrobial and Anticancer Drugs, Palexpo, Geneva, Switzerland, 30 March-1 April 1992.
- "New lead compounds for the treatment of HIV infection (AIDS)" (invited lecture).
- Chairman of Session on "Update on Experimental and Clinical Research in Anti-HIV Therapy" (invited).
- April 1992 International Congress on the Management of Infection, RAI Center, Amsterdam, The Netherlands, 5-9 April 1992.
"Antivirals for the treatment of herpesvirus infections" (invited lecture).
- April 1992 Seventh Wartburg Kolloquium des Referenzlaboratoriums für Herpesvirusinfektionen, Paul-Ehrlich-Gesellschaft, Internationale Beteiligung, Eisenach, Germany, 13-16 April 1992.
"New perspectives for the treatment of herpesvirus infections" (invited lecture).
- April 1992 Troisième Congrès de la Société Française de Microbiologie, Palais des Congrès, Lyon, France, 21-24 April 1992.
"Molecular targets for antiviral agents - Cibles moléculaires des antiviraux" (invited lecture).

- April 1992 Benelux Symposium on Diagnosis, Prevention and Therapy of CMV Infections, Breda, The Netherlands, 28 April 1992.
"New perspectives for the chemotherapy and prophylaxis of CMV infections" (invited lecture).
- May 1992 Eighth Annual Clinical Virology Symposium (Annual Meeting of the Pan American Group for Rapid Viral Diagnosis), Clearwater Beach, Florida, USA, 17-20 May 1992.
"Testing and development of anti-HIV drugs", Whittaker Bioproducts Lectureship (invited lecture).
- June 1992 Fifth International Antiviral Symposium and Second Korean-American AIDS Symposium, Seoul, Korea, 21-25 June 1992.
- "Therapeutic potential of acyclic nucleoside phosphonates in the treatment of herpes- and retrovirus infections" (invited lecture).
- Chairman of Session "Oligonucleotides" (invited).
- July 1992 Eighth International (Harvard/Amsterdam) Conference on AIDS/Third STD World Congress, Amsterdam, The Netherlands, 19-24 July 1992.
- Discussant of Session on "New Antiviral Approaches" (invited).
- Chairman of Session on "Protease Inhibitors" (invited).
- July 1992 Fifth World Conference on Clinical Pharmacology and Therapeutics, Yokohama, Japan, 26-31 July 1992.
- "Antiviral drugs targeted at DNA synthesis" (special plenary lecture, invited).
- "New perspectives for the treatment of HIV infections", Special Symposium on Strategies to Treat HIV Infection (invited lecture).
- August 1992 Annual Meeting of the Laboratory of Tumor Cell Biology (Chief: Dr. Robert C. Gallo), National Cancer Institute, National Institutes of Health, Bethesda, Maryland, USA, 8-15 August 1992.
"Specific HIV-1 inhibitors targeted at the HIV-1 reverse transcriptase" (invited lecture).
- August 1992 The 204th National Meeting of the American Chemical Society, Washington DC, USA, 23-28 August 1992.
"Anti-HIV activity of sulfated polysaccharides" (invited lecture).
- September 1992 Pharmacy World Congress '92 (52nd International Congress of the International Pharmaceutical Federation), Lyon, France, 13-19 September 1992.
- "AIDS therapy: AZT and other drugs" (invited lecture).
- Chairman of session "Progress in Antiviral Therapy" (invited).
- September 1992 Tenth International Round Table on Nucleosides, Nucleotides and their Biological Applications, Park City, Utah, USA, 16-20 September 1992.
"Therapeutic potential of HPMPC as an antiviral agent" (invited plenary lecture).
- October 1992 Symposium in Celebration of the Centenary of the Royal Danish School of Pharmacy, Danmarks Farmaceutiske Højskole, Copenhagen, Denmark, 26-29 October 1992.
"HIV-1-specific reverse transcriptase inhibitors" (invited lecture).
- November 1992 International Symposium on Research of Antiviral Drugs, Chinese Pharmaceutical Association, Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences, Beijing, China, 5-7 November 1992.
- "Activity spectra and molecular targets of antiviral agents" (plenary invited lecture).
- Chairman of session on "Molecular targeting of antiviral agents" (invited).

- December 1992 Wellcome Symposium in Antiviral Therapy "Innovations in Therapy of Human Viral Diseases", Research Triangle Park, North Carolina, USA, 6-9 December 1992.
"Viral target enzymes for nucleotide and nucleoside analogues" (invited lecture).
- February 1993 "Recherche de Nouvelles Approches Médicamenteuses dans le Domaine du SIDA", Agence Nationale de Recherches sur le SIDA (ANRS), Maison de la Recherche, Paris, France, 10 February 1993.
"Implications pour le médicament des nucléosides, des nucléotides et de leurs analogues comme inhibiteurs de la transcriptase inverse" (invited lecture).
- February 1993 First Management Forum Conference on AIDS, Development of New Anti-HIV Drugs with Emphasis on Non-Nucleoside Approaches, London, England, 16-17 February 1993.
"Anti-HIV drugs which preclude viral entry into susceptible cells" (invited lecture).
- March 1993 Gordon Conference on "Chemotherapy of AIDS", Casa Sirena Resort, Oxnard, California, USA, 22-26 March 1993.
"Targeted action of anti-HIV agents: new advances" (invited introductory lecture).
- March 1993 Sixth European Congress of Clinical Microbiology and Infectious Diseases, Seville, Spain, 28-31 March 1993.
- "Sensitivity of viruses to antiviral agents" (invited lecture).
- Chairman of Symposium on Antiviral Chemotherapy (invited).
- April 1993 World Health Organization (WHO)/Pan American Health Organization (PAHO) Meeting on Antiviral Drug Treatment of Viral Haemorrhagic Fevers, Washington DC, USA, 15-16 April 1993.
- Chairman of the Meeting (invited).
- "Molecular approaches for the treatment of haemorrhagic fever virus infections" (invited lecture).
- April 1993 Fourth International Cytomegalovirus Conference on "Multidisciplinary Approach to Understanding Cytomegalovirus Disease", Paris, France, 18-21 April 1993.
Member of the International Organizing Committee, and Chairman of the Sessions on "PCR" and "Antivirals Today" (invited).
- April 1993 Sixth International Conference on Antiviral Research, Palazzo Del Cinema, Venice, Italy, 25-30 April 1993.
- "Highly selective and potent inhibition of human immunodeficiency virus (HIV) by the novel bicyclam derivative JM3100".
- Chairman of the Session on "Retrovirus Infections" (invited).
- Directors Board Meeting (International Society for Antiviral Research).
- Editorial Board Meeting (journal: Antiviral Research).
- Editorial Board Meeting (journal: Antiviral Chemistry and Chemotherapy).
- May 1993 Second International FTI (Flanders Technology International) Conference, Ghent, Belgium, 3-6 May 1993.
"Towards a cure for AIDS: strategies for the selective inhibition of HIV replication" (invited lecture; host: Prof. Dr. W. Fiers, Director, Laboratory of Molecular Biology, University of Ghent, Belgium).

- June 1993 New York Academy of Sciences Conference on "Slow Infections of the Central Nervous System: The Legacy of Dr. Björn Sigurdsson", Reykjavik, Iceland, 2-5 June 1993.
"New developments in the chemotherapy of lentivirus infections" (invited lecture).
- June 1993 Ninth International Conference on AIDS (Fourth STD World Congress), Berlin, Germany, 7-11 June 1993.
Chairman of the Session on Pathogenesis, Therapy and Diagnosis: Antiviral Compounds I (invited).
- June 1993 Eighteenth International Congress of Chemotherapy, Stockholm, Sweden, 27 June-2 July 1993.
"Nucleosides in the chemotherapy of viral infections" invited keynote lecture).
- August 1993 IXth International Congress of Virology, Glasgow, Scotland, 8-13 August 1993.
Chairman of the Workshop on Antiviral Chemotherapy (invited).
- August 1993 International Symposium on Recent Advances in Chemotherapeutic Agents, Research Center for New Drug Development (RCNDD), Seoul National University, Seoul, Korea, 19-20 August 1993.
- Overview of new developments of anti-HIV chemotherapy (invited lecture).
- Chairman of Session on Antimicrobial/Antiviral Agents (invited).
- August 1993 Annual Meeting of the Laboratory of Tumor Cell Biology, National Cancer Institute, National Institutes of Health, Bethesda, Maryland, USA, 22-28 August 1993.
- "Therapeutic potential of HIV-1-specific reverse transcriptase inhibitors" (invited lecture).
- Chairman of Session on Antiviral Therapy (invited).
- December 1993 *In Vitro* and *Ex Vivo* Test Systems to Rationalize Drug Design and Delivery [Association de Pharmacie Galénique Industrielle (APGI)/International Pharmaceutical Federation (FIP)], Paris, France, 13-14 December 1993.
"In vitro evaluation of antiviral drugs" (invited lecture).
- January 1994 Advancing Virology (SmithKline Beecham Pharmaceuticals), Hyde Park Hotel, London, United Kingdom, 14-15 January 1994.
"Antiviral chemotherapy in the 21st century" [keynote lecture (invited)].
- February-March 1994 Seventh International Conference on Antiviral Research, Charleston, South Carolina, USA, 27 February - 4 March 1994.
- Chairman of Minisymposium on "Viral Pathogenesis: Implications for Antiviral Therapy" (invited).
- Participant in Board of Directors' meeting, Officers' meeting, Publications Committee meeting, International Council meeting, Site Selection Committee meeting, Program Committee meeting and Conference Committee meeting of the International Society for Antiviral Research (invited).
- March 1994 The 128th Meeting of the Society for General Microbiology, Clinical Virology Group Symposium on Antiviral Therapy, University of Cambridge, United Kingdom, 28-31 March 1994.
"New antivirals" (invited lecture).

- April 1994 Eleventh Future Trends in Chemotherapy Interdisciplinary World Congress on Antimicrobial and Anticancer Drugs, Palexpo, Geneva, Switzerland, 25-27 April 1994.
- "Resistance of human immunodeficiency virus type 1 (HIV-1) to non-nucleoside HIV-1-specific reverse transcriptase inhibitors" (invited lecture).
 - Chairman of the Session on "New Development in Antiviral Chemotherapy" (invited).
- May 1994 Sixth Cyprus Conference on New Methods in Drug Research, Limassol, Cyprus, 8-14 May 1994.
- "Recent advances in anti-HIV research" (invited lecture).
- May 1994 Fifth International Skin Therapy Symposium, Brussels, Belgium, 25-28 May 1994.
- "Antiviral therapy in 1994" (invited lecture).
- June 1994 The Sixth International Antiviral Symposium, Clinical, Pharmacological and Basic Aspects, Acropolis, Nice, France, 7-10 June 1994.
- "Chemoprophylaxis and -therapy of acute HIV infections" (invited lecture).
 - Chairman, Session on "Nucleosides-Chemistry and Biology" (invited).
- July 1994 Third European Conference of the Medicinal Chemistry Group of the Atlantic Arc, Cardiff, Wales, United Kingdom, 3-5 July 1994.
- "Reverse transcriptase inhibitors as anti-HIV agents" (invited plenary lecture).
- August 1994 Tenth International Conference on AIDS (International Conference on STD), Yokohama, Japan, 7-12 August 1994.
- Moderate (speaker) of Round-Table Session on Protease Inhibitors (invited).
- September 1994 Eleventh International Round Table on Nucleosides, Nucleotides and Their Biological Applications, Katholieke Universiteit Leuven (Aula P. De Somer), Leuven, Belgium, 7-11 September 1994.
- Organizer of the Round Table.
 - Welcome remarks.
 - Concluding remarks.
- September 1994 The 4th International Conference on Chemical Synthesis of Antibiotics and Related Microbial Products, Nashville, Brown County, Indiana, USA, 11-16 September 1994.
- "Therapeutic potential of acyclic nucleoside phosphonates for the treatment of various DNA-virus and retrovirus infections (invited plenary lecture).
- September-October 1994 Second European Congress of Pharmaceutical Sciences (jointly organized by the European Federation for Pharmaceutical Sciences and the German Pharmaceutical Society), Berlin, Germany, 29 September-1 October 1994.
- "Trends in drug development for the treatment of AIDS. Compounds interfering with the initial stages of the HIV replicative cycle (invited plenary lecture).
- September-October 1994 1994 Annual Meeting of the Laboratory of Tumor Cell Biology (National Cancer Institute), Rockville, Maryland, USA, 25 September-1 October 1994.
- "How to prevent development of HIV-1 resistance to non-nucleoside HIV-1-specific reverse transcriptase inhibitors" (invited lecture).
 - "Chairman of Session on Antiviral Therapy (invited).

- October 1994 Seventh International Conference of Comparative and Applied Virology (Virus Diseases, New Surveillance and Control), Montreal, Canada, 12-17 October 1994.
- "Therapeutic potential of acyclic nucleoside phosphonates for the treatment of various DNA-virus and retrovirus infections" (invited lecture).
- Chairman of Workshop on "Advances in Antiviral Chemotherapy".
- October 1994 Management Forum Meeting on "The Development of Antiviral Drugs", London, United Kingdom, 18-20 October 1994.
"The current prospects for antiviral chemotherapy" (invited lecture).
- January 1995 Program Committee Meeting (Planning of Eighth International Conference on Antiviral Research, Santa Fe, New Mexico, USA, 23-28 April 1995), Washington D.C., 13 January 1995.
- February 1995 Gordon Research Conference on Chemotherapy of AIDS, Ventura, California, USA, 19-24 February 1995.
Discussion Leader of session on "HIV drug resistance" (invited).
- February 1995 Seventh European Congress on Biotechnology, Acropolis, Nice, France, 19-23 February 1995.
- "Chemotherapy of human immunodeficiency virus (HIV) infections" (invited lecture).
- Chairman of session "AIDS: New Chemotherapeutic Agents" (invited).
- March 1995 Consultation Meeting on the Progress in Development and Use of Antiviral Drugs and Interferon, WHO (World Health Organization) Headquarters, Geneva, Switzerland, 13-15 March 1995.
- "Trends in the development of new antiviral agents for the chemotherapy of herpes- and retrovirus infections" (invited lecture).
- Chairman of the Meeting (invited).
- April 1995 Eighth International Conference on Antiviral Research, Santa Fe, New Mexico, USA, 23-28 April 1995.
- Meetings of the Board of Directors (International Society for Antiviral Research), Scientific Program Committee, International Conference Committee, and Publications Committee.
- Editorial Board Meetings of the Journals Antiviral Research and Antiviral Chemistry and Chemotherapy.
- Chairman (invited) of the Mini-Symposium on "Molecular Targets/Gene Expression".
- May 1995 XIII Helsinki University Course in Drug Research, XXXVIII Nordic Meeting of Pharmacology, Helsinki, Finland, 18-20 May 1995. Symposium on Novel Drugs: Development and Analysis in Biological Samples
"Novel approaches towards the chemotherapy of human immunodeficiency virus (HIV) infection (invited lecture)".
- May 1995 Fourth Conference in Advanced Medicinal Chemistry, Modern Approaches in Drug Design, Department of Pharmaceutical Chemistry, School of Pharmacy, Aristotelian University of Thessaloniki, Thessaloniki, Greece, 19-20 May 1995.
"Inhibition of human immunodeficiency virus type 1 (HIV-1) non-nucleoside reverse transcriptase inhibitors (NNRTIs)" (invited lecture).
- May 1995 The Fifth International Cytomegalovirus Conference "A multidisciplinary approach towards controlling cytomegalovirus disease", Stockholm, Sweden, 21-24 May 1995.
Chairman of Session on "Molecular Targets for Therapy" (invited).

- June 1995 International Conference on Ocular Infections, Jerusalem, Israel, 18-22 June 1995.
 - "Antiviral drugs: new developments" (invited lecture).
 - "Perspectives for the treatment of herpetic eye infections".
 - Chairman of the session "Research IV: Viral and Bacterial Infections" (invited).
- July 1995 Fourth International Workshop on HIV Drug Resistance, Margherita di Pula, Cagliari, Sardinia, Italy, 6-9 July 1995.
 Chairman of session on "*In vitro* Resistance to Protease Inhibitors" (invited).
- July 1995 The 19th International Congress of Chemotherapy, Montréal, Québec, Canada, 16-21 July 1995.
 - "Antiviral chemotherapy strategies in the aftermath of HIV and HSV resistance" (invited lecture).
 - Chairman of Session on Viral Resistance (invited).
- August-September 1995 Second Congresso Congiunto Italiano-Spagnolo di Chimica Farmaceutica, Congress Palaca, Ferrara, Italy, 30 August-3 September 1995.
 "Knocking out human immunodeficiency virus (HIV) through non-nucleoside reverse transcriptase inhibitors (NNRTIs): a paradigm for the cure of AIDS ?" (invited plenary lecture).
- August-September 1995 Annual (1995) Meeting of the Laboratory of Tumor Cell Biology (Dr. R.C. Gallo), National Cancer Institute, 27 August-2 September 1995, Bethesda, Maryland, USA.
 "In search of the ideal drug candidate among the thiocarboxanilide class of non-nucleoside reverse transcriptase inhibitors (NNRTIs)" (invited lecture).
- September 1995 Symposium on Structure and Biological Functions of Nucleic Acid Components and Their Analogues, and Related Topics (in honor of Prof. Dr. David Shugar on the occasion of his 80th birthday), Institute of Biochemistry and Biophysics, Polish Academy of Sciences, Warszawa, Poland, 2-5 September 1995.
 "Nucleoside analogues as antiviral agents" (invited lecture).
- September 1995 Eighth Wartburgkolloquium, Antivirale Chemotherapie von Herpesvirusinfektionen, Friedrich-Schiller-Universität Jena, Paul-Ehrlich-Gesellschaft für Chemotherapie, Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten, Wartburg bei Eisenach, Germany, 18-20 September 1995.
 "Antiviral chemotherapy of herpesvirus infections" (invited key note lecture).
- September-October 1995 International Symposium on Experimental and Clinical Ocular Pharmacology and Pharmaceutics, Geneva, Switzerland, 28 September-1 October 1995.
 - "Therapy of ocular virus infections" (invited lecture).
 - Chairman of Session on Antivirals (invited).
- October 1995 Management Forum on "The Development of Antiviral Drugs", London Hilton on Park Lane, London, United Kingdom, 9-10 October 1995.
 "The current prospects for antiviral chemotherapy" (invited lecture).
- November 1995 Kagoshima International Symposium on "Oncovirus and Upper Aero-Digestive Tract Diseases", Kagoshima University, Faculty of Medicine, Kagoshima, Japan, 2-3 November 1995.
 "Clinical potential of HPMPC (Cidofovir, Vistide™) for the treatment of herpes- and papillomavirus infections" (invited special lecture).

- January 1996 INSERM (Institut National de la Santé et de la Recherche Médicale), Atelier de Formation no 78, La Transcriptase Inverse de VIH 1, Cible de Composés Antiviraux (HIV 1 Reverse Transcriptase, A Target for Antiviral Drugs), Le Vésinet, Paris, France, 22-24 January 1996
- "Nucleoside and nucleotide inhibitors of the HIV reverse transcriptase" (invited lecture).
 - "Non-nucleoside inhibitors of the HIV-1 reverse transcriptase" (invited lecture).
- January 1996 Program Committee Meeting (Ninth International Conference on Antiviral Research, Urabandai, Fukushima, Japan, 19-24 May 1996), Washington DC, USA, 26-27 January 1996.
- March 1996 First European Conference on Experimental AIDS Research (ECEAR), Cannes, France, 10-13 March 1996.
Chairman of Session on Anti-HIV Therapies: Fundamental and Clinical Aspects + Summary (invited).
- April 1996 Societa Chimica Italiana, Consiglio Nazionale Delle Ricerche, Interazione di Metalli E Composti con Biomolecole 7° Convegno Nazionale, S. Agnello (Sorento), Italy, 12-14 April 1996.
Conferenza plenaria on "Development of inhibitors of human immunodeficiency virus (HIV) replication" (invited lecture).
- May 1996 First European Congress of Chemotherapy, Glasgow, Scotland, 14-17 May 1996.
"Antiviral drugs: current status and prospects" (Expert Lecture) (invited).
- May 1996 Ninth International Conference on Antiviral Research, Urabandai (Fukushima), Japan, 19-24 May 1996.
- Chairman of Session on Retrovirus Infections (invited).
 - International Society for Antiviral Research meetings of Board of Directors, Publications Committee, Conference Committee and Program Committee.
 - Antiviral Chemistry and Chemotherapy Editorial Board Meeting.
- May 1996 Post-Congress Satellite Symposium of the 9th International Conference on Antiviral Research, Fukushima City, Japan, 24 May 1996.
Chairman of session on "How to develop new antiviral drugs" (invited).
- June 1996 VII Congreso Argentino de Farmacia y Bioquímica Industrial, Buenos Aires, Argentina, 3-8 June 1996.
"Antiviral drugs for the treatment of human immunodeficiency virus infections" (invited plenary lecture).
- July 1996 Fifth International Workshop on HIV Drug Resistance, Whistler, British Columbia, Canada, 3-6 July 1996.
Chairman of Session on Functional and Structural Aspects of RT Inhibitor Resistance (invited).
- July 1996 Eleventh International Conference on AIDS, Vancouver, Canada, 7-12 July 1996.
- Chairman of Basic Science Session on "New Developments in Antiretroviral Research" (invited).
 - "Novel targets of antiretroviral therapy" (invited expert lecture).
- September 1996 First Annual Meeting of the Institute of Human Virology (Director: Dr. R.C. Gallo), Baltimore, Maryland, USA, 7-13 September 1996.
"Highly favorable antiviral activity profiles of the thiocarboxanilide pentenyloxy ether derivatives UC-781 and UC-82 as inhibitors of HIV-1 replication" (invited lecture).

- September 1996 36th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC), New Orleans, Louisiana, USA, 15-18 September 1996.
“In search of a selective chemotherapy of virus infections” (Hoechst Marion Roussel Award Lecture).
- September 1996 VII Österreichischer AIDS-Kongress, Österreichische AIDS-Gesellschaft (Präsident: Prof. Dr. M.P. Dierich), Haus der Industrie, Schwarzenbergplatz, Vienna, Austria, 20-21 September 1996.
“New perspectives for the treatment of HIV infection” (invited lecture).
- October 1996 Jahrestagung der Deutschen STD Gesellschaft. Joint Meeting mit der Paul-Ehrlich-Gesellschaft und dem European Course on HPV-Associated Pathology, Warnemünde/Rostock, Germany, 11-12 October 1996.
“Present developments of antiviral drugs against HSV, HIV, HBV and HPV infections” (invited guest lecture).
- October 1996 Eurogin Conference on Herpes Viruses and Genital Pathology, IUVDT European Congress on STDs, Palais des Congrès, Paris, France, 23-25 October 1996.
- “New antiviral drugs for herpes virus infections” (invited lecture).
- Chairman, and concluding remarks, of Session on “Management strategies and antiviral chemotherapy” (invited).
- November 1996 Medical Scientific Day 1996 on “New Developments in Infectious Diseases”, Dutch Federation of Medical Scientific Societies, Dutch Society of Medical Microbiology and Infectious Diseases Society of the Netherlands and Flanders, Amersfoort, The Netherlands, 21 November 1996.
GlaxoWellcome Award presentation on “Highlights in the development of antiviral drugs”.
- December 1996 The 17th National Chemical Conference, “Chemistry on the Threshold of the 21st Century”, Patras, Greece, 1-5 December 1996.
“Perspectives for the treatment of HIV infection” (invited lecture).
- December 1996 Program Committee Meeting of the Tenth International Conference on Antiviral Research (Atlanta, Georgia, USA, 6-11 April 1997) and Board of Directors Meeting of the International Society for Antiviral Research, Atlanta, GA, USA, 10-11 December 1996.
- January 1997 European Union Cost Action D8 Workshop on “Chemistry of Metals in Medicine - The Industrial Perspective”, Louvain-La Neuve, Belgium, 22-24 January 1997.
“Antiviral metal complexes” (invited lecture).
- February 1997 Seventh International Antiviral Symposium, Sydney, Australia, 17-19 February 1997.
- “Anti-HIV infection treatment strategies based on the use of highly potent non-nucleoside reverse transcriptase inhibitors (NNRTIs)” (invited lecture).
- Chairman of Section “Antivirals for HIV and hepatitis” (invited).
- March 1997 Paul-Ehrlich-Gesellschaft Konsensus Konferenz zur Antiviralen Chemotherapie des Herpes Zoster, Erfurt, Germany, 17-19 March 1997.
“Brivudin (BVDU): Wirkspektrum und Mechanismus der antiviralen Aktivität” (invited lecture).

- April 1997 Tenth International Conference on Antiviral Research, Atlanta, Georgia, USA, 6-11 April 1997
- Chairman of Session on Retrovirus Infections II (invited).
 - Panel discussant in Satellite Symposium on "HIV Resistance Impact on Patient Management" (invited).
 - Participant in ISAR (International Society for Antiviral Research) meetings:
 - Board of Directors meeting
 - Publications Committee meeting
 - Conference Committee meeting
 - Nominations Committee meeting
 - Program Committee meeting.
- April 1997 Worldwide Vistide Launch Meeting, Madrid, Spain, 15-16 April 1997.
- "Cidofovir (Vistide®, HPMPC): how it was discovered and developed" (invited keynote lecture).
 - Discussion on the clinical utility of cidofovir.
- April 1997 International Seminar Series on Basic and Applied Sciences "The Biological Bases of AIDS: Clinical Studies", Segovia, Spain, 24-26 April 1997.
- "Preclinical development of antiviral drugs" (invited lecture).
- May 1997 Eleventh Noordwijkerhout-Camerino Symposium on Trends in Drug Research, Royal Netherlands Chemical Society, European Federation for Medicinal Chemistry, Noordwijkerhout, The Netherlands, 11-15 May 1997.
- "Novel approaches towards HIV chemotherapy" (invited lecture).
 - Chairman of Symposium on Anti-HIV Approaches (invited).
- May 1997 Second European Conference on Experimental AIDS Research (ECEAR), Stockholm, Sweden, 31 May - 3 June 1997.
- Chairman of Session "Therapy: antivirals and combination therapies" (invited).
- June 1997 IBC (International Business Communications) Conference on Antimicrobial Drug Resistance, The Royal Society, London, Great Britain, 9-10 June 1997.
- "Current trends in anti-HIV therapy; paradigm for the future of antiviral therapy" (invited).
 - Chairman of Session on HIV (Human Immunodeficiency Virus) (invited).
- June 1997 Nineteenth National Congress of the Italian Society of Chemotherapy, 19° Congresso Nazionale della Società Italiana di Chemioterapia, Centro Congressi, Giardini Naxos, Italy (Sicily), 11-14 June 1997.
- Lettura Magistrale: "New perspectives for the chemotherapy of HIV infections" (invited lecture).
- June 1997 International Workshop on HIV Drug Resistance, Treatment Strategies and Eradication, St. Petersburg, Florida, USA, 25-28 June 1997.
- Chairman, Session on New Antiretrovirals (invited).
- July-August 1997 Asian International Medicinal Chemistry Symposium (AIMECS 97), Asian Federation for Medicinal Chemistry (AFMC), Seoul, Korea, 27 July-1 August 1997.
- "Recent developments in the chemotherapy of HIV infections (invited plenary lecture).
- August 1997 First International Consensus Round Table Meeting on CMV-Related Immunopathology, Frankfurt am Main, Germany, 28-30 August 1997.
- "Outlook for antiviral drugs" (invited lecture).

- September 1997 Congrès de la Société Française de Chimie (SFC 1997), Bordeaux-Talence, France, 7-12 September 1997.
“Molecular targets for the chemotherapy of HIV infections” (invited lecture).
- September 1997 Second Congress of the European Association for Clinical Pharmacology and Therapeutics, Berlin, Germany, 17-20 September 1997.
“Successes and failures in AIDS therapy” (invited plenary lecture).
- September 1997 NWO (Nederlandse Organisatie voor Wetenschappelijk Onderzoek) and Dutch AIDS Fund Symposium on “New developments in HIV-AIDS Research”, Academic Medical Center, University of Amsterdam, AMC, Amsterdam, The Netherlands, 12 September 1997.
“New antiviral drugs” (invited lecture).
- October 1997 “Perspektiven der Therapie von Virusinfektionen”, Gemeinsame Jahrestagung Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten (DVV) und Gesellschaft für Virologie (GfV), Berlin, Germany, 10-11 October 1997.
“Prospects of antiviral therapy” (special guest lecture).
- October 1997 The IVth Congress of the Mediterranean Society of Infectious and Parasitic Diseases and the 1st Congress of the Arab Society of Chemotherapy, Microbiology and Infectious Diseases, Cairo, Egypt, 17-21 October 1997.
- “Antiretroviral agents: past, present and future” (invited lecture).
- Chairman of Symposium on HIV infection (invited).
- November 1997 XI Congresso Nazionale AIDS e Sindromi Correlate, Simposio Satellite L’Evoluzione della storia naturale e della gestione della infezioni opportunistische maggiori, Pisa, Italy, 12-13 November 1997.
“Cidofovir: a new agent with potent antiviral activity” (invited lecture).
- December 1997 XIIièmes Journées Scientifiques, Groupe Thématique de Recherche sur les Vecteurs, under the patronage of La Société Belge des Sciences Pharmaceutiques, Palais des Congrès, Brussels, Belgium., 11-12 December 1997.
“Recent developments in AIDS treatment” (plenary invited lecture).
- December 1997 Second International Conference on Therapies for Viral Hepatitis, Kona, Big Island, Hawaii, USA, 15-19 December 1997 (hosts: Prof. R. Schinazi and Prof. J.-P. Sommadossi).
- January 1998 Program Committee Meeting, 11th International Conference on Antiviral Research, San Diego, California, USA (5-10 April 1998), Washington DC, USA, 27 January 1998.
- January 1998 Elmau Workshop on “Viral Receptors and Co-receptors and Their Impact on Vaccination and Therapy”, Elmau, Garmisch-Partenkirchen, Germany, 30 January-1 February 1998.
“Bicyclam AMD3100, a highly potent anti-HIV agent that is targeted at the CXCR4 co-receptor for HIV” (invited lecture).
- February-March 1998 Third European Conference on Experimental AIDS Research (ECEAR), Munich, Germany, 28 February-3 March 1998.
Organizer, Chairman, and Introductory Speaker of the Opening Session on “Advances in antiretroviral drug design” (invited).

- April 1998 Eleventh International Conference on Antiviral Research, San Diego, California, USA, 5-10 April 1998.
 - “The role of NNRTIs in the therapy of HIV-1 infections” (invited plenary lecture).
 - Chairman of the Symposium on the Use of Viral Vectors in Gene Therapy (invited).
- April 1998 Eleventh International Conference on Antiviral Research, San Diego, California, USA, 5-10 April 1998.
 Board of Directors Meeting, Program Committee Meeting, Nominations Committee Meeting, Conference Committee Meeting, Publications Committee Meeting of ISAR (International Society for Antiviral Research), and Editorial Board Meeting of the Journal Antiviral Research.
- April 1998 Eighth European Course on Human Papillomavirus-Associated Pathology (EHPV), Universität München Rechts der Isar, Munich, Germany, 23-24 April 1998.
 “HPMPC (cidofovir), a broad spectrum antiviral agent with efficacy in HPV-associated diseases” (invited lecture).
- May 1998 Second European Congress of Chemotherapy and Seventh Biennial Conference on Antiinfective Agents and Chemotherapy, Hamburg, Germany, 10-13 May 1998.
 - “New drugs under development against herpesviruses” (invited lecture).
 - Chairman of Session on “Progress in the treatment of herpesviruses” (invited).
- May 1998 Second European Congress of Chemotherapy and Seventh Biennial Conference on Antiinfective Agents and Chemotherapy, Hamburg, Germany, 10-13 May 1998.
 - “New HIV drugs” (invited lecture).
 - Chairman of Session on “Aspects of antiretroviral therapy” (invited).
- June 1998 Nobel Conference on “Pathogenesis and Treatment of HIV Infection”, Karolinska Institute, Nobel Forum, Stockholm, Sweden, 4-6 June 1998.
 “New drugs and new perspectives for antiretroviral therapy” (invited lecture).
- June 1998 Second International Workshop on HIV Drug Resistance and Treatment Strategies, Baveno, Stresa, Lago Maggiore, Italy, 24-27 June 1998.
 Invited as Chairman of Session on New Antiretrovirals.
- August 1998 Second International Conference on Ocular Infections, Munich, Germany, 22-26 August 1998.
 - “The broad-spectrum antiviral potential of cidofovir” (invited lecture).
 - “Antiviral drugs for the treatment of ocular virus infections” (invited lecture).
 - Chairman of Invited Course on New Antiviral Drugs (Cidofovir and New Antivirals) (invited).
 - “Recent developments in the field of antiviral drug development” (invited keynote lecture).
- August 1998 1998 Annual Meeting of the Institute of Human Virology, Baltimore, Maryland, USA, 23-29 August 1998.
 “Bicyclams: highly potent T-tropic HIV inhibitors that are targeted at the chemokine receptor CXCR4” (invited lecture).
- August-September 1998 European Society for Clinical Virology (ESCV), Progress in Clinical Virology, Hamburg, Germany, 30 August-2 September 1998.
 “New chemotherapeutic approaches in the treatment of HIV infections” (invited keynote lecture).

- September 1998 Thirteenth International Round Table on Nucleosides, Nucleotides and their Biological Applications, "Le Corum", Montpellier, France.
"Antitumor potential of acyclic nucleoside phosphonates" (invited plenary lecture).
- September 1998 Ninth Wartburg Kolloquium der Paul-Ehrlich Gesellschaft für Chemotherapie (PEG) und der Deutschen Vereinigung zur Bekämpfung der Viruskrankheiten (DVV), Wartburg bei Eisenach, Germany, 14-16 September 1998.
"Development of antiherpetics after Aciclovir" (invited lecture).
- September 1998 XIV Convegno Nazionale, Divisione di Chimica Farmaceutica, Società Chimica Italiana, Salsomaggiore Terme, Parma, Italy, 21-25 September 1998.
"The chemotherapy of HIV infections: current approaches and perspectives" (invited lecture).
- December 1998 Dix-huitième Réunion Interdisciplinaire de Chimiothérapie Anti-Infectieuse Symposium "Nouvelle classe, nouvelles stratégies anti-VIH. Viramune®: Premier inhibiteur non-nucléosidique", Paris, France, 3-4 December 1998.
"Les inhibiteurs non-nucléosiques de la reverse transcriptase (NNRTIs)" (invited lecture).
- December 1998 International Conference on the Discovery and Clinical Development of Antiretroviral Therapy (ICDCD), St. Thomas, West Indies, US Virgin Islands, 13-17 December 1998.
"Bicyclams: a class of highly potent anti-HIV agents that block viral entry into the cell at CXCR4" (invited lecture).
- December 1998 Scientific Program Committee Meeting of the 12th International Conference on Antiviral Research (Jerusalem, Israel, 21-26 March 1999), Washington DC, USA, 17-18 December.
- February 1999 Tenth Annual Meeting of the Japanese Association of Antiviral Chemotherapy, Showa University School of Pharmaceutical Sciences, 1-5-8 Hatanodai, Shinagawa-ku, Tokyo, Japan, 19-20 February 1999.
"New perspectives for the chemotherapy of HIV infections" (plenary invited lecture).
- March 1999 EURΩ Conference on "Chemokines and their Receptors: from Basic Research to Therapeutic Intervention", Institut Pasteur, Paris, France, 11-13 March 1999.
"Inhibition of HIV infection by bicyclams" (invited lecture).
- March 1999 Twelfth International Conference on Antiviral Research, Jerusalem, Israel, 21-25 March 1999.
- Chairman of Session on Retrovirus Infections II (invited).
- Board of Directors Meeting, Publications Committee Meeting, Nominations Committee Meeting, Program Committee Meeting (International Society of Antiviral Research).
- Editorial Board Meeting (Antiviral Research).
- April 1999 Clinical Virology Group Symposium on Antivirals, 143rd Meeting of the Society for General Microbiology (SGM), The University of Edinburgh, Scotland, United Kingdom, 12-16 April 1999.
"New developments in anti-herpes agents" (invited lecture).
- May 1999 V Congreso Nacional de Quimioterapia, Sociedad Española de Quimioterapia, Cádiz, Spain, 20-22 May 1999.
"New antiviral drugs" ("Nuevos Antiviricos") (invited lecture).

- May 1999 International Symposium on HIV, Leukemia, and Opportunistic Cancers, Twentieth Symposium of the International Association for Comparative Research on Leukemia and Related Diseases, Harvard AIDS Institute, Marrakech, Morocco, 23-28 May 1999.
“Novel therapeutic strategies for the treatment of HIV infections” (invited plenary lecture).
- May 1999 Symposium on Human Herpesvirus Infections: Molecular, Immunological and Clinical Aspects, Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten, Freie Universität Berlin, Germany, 29 May 1999.
“Antiviral therapy of herpesvirus infections” (invited lecture).
- June 1999 KNCV (Koninklijke Nederlandse Chemische Vereniging) Secties Organische Chemie en Farmacochemie, Organische Chemie van Geneesmiddelen: De Natuur als Inspiratiebron, WICC-IAC, Wageningen, The Netherlands, 11 June 1999.
“New perspectives for the treatment of HIV infections” (invited lecture).
- June 1999 VIII Congreso Argentina de Farmacia y Bioquímica Industrial, Asociación Argentina de Farmacia y Bioquímica Industrial (SAFYBI), Buenos Aires, Argentina, 14-19 June 1999.
“Nuevas perspectivas para el tratamiento de infecciones HIV: Está próxima la cura del SIDA ?” (Conferencia plenaria) – “New perspectives for the treatment of HIV infections: is a cure for AIDS forthcoming ?” (plenary lecture).
- July 1999 21st International Congress of Chemotherapy (ICC), Birmingham, United Kingdom, 4-7 July 1999.
- “New targets for the chemotherapy of HIV infections” (invited lecture).
- Chairman of the Symposium on BSE and Prion Disease (invited).
- September 1999 Fifth International MonteCarlo Congress on Microbial Strategies and Antimicrobial Defences (coping with Antimicrobial Resistance in the Treatment of Infectious Diseases), MonteCarlo, Monaco, 12-15 September 1999.
- Chairman of Symposium on New Concepts about Resistance to Antiviral Drugs (invited).
- “Resistance of herpes simplex virus, hepatitis B virus and influenza virus to antiviral drugs” (invited lecture).
- October 1999 104th Annual American Osteopathic Medicine Association (AOA) Convention, and 43rd Annual AOA Research Conference, San Francisco, California, USA, 24-28 October 1999.
“Viral infections of the 21st Century” (invited keynote lecture).
- December 1999 Recent Developments in the Discovery of Biologically Active Natural Products, joint 4th Annual Convention of the Natural Products Society of the Philippines and 21st Annual Convention of the Philippine Environmental Mutagen Society, Ateneo de Manila University, Loyola Heights, Quezon City, Manila, Philippines, 6-8 December 1999.
“New developments, with particular emphasis on natural products, for the chemotherapy of HIV infections” (invited plenary lecture).
- January-February 2000 Seventh Conference on Retroviruses and Opportunistic Infections, San Francisco, California, USA, 30 January-2 February 2000.
Symposium on New Drug Targets: Entry Inhibitors.
“Bicyclams as CXCR4 antagonists” (invited lecture).

- February- March 2000 Fachgruppentagung der Deutschen Pharmazeutischen Gesellschaft, Fachgruppe Pharmazeutische Chemie, Hamburg, Germany, 28 February-1 March 2000. "New insights in the chemotherapy of HIV infections" (invited lecture), Lecture presented by J. Balzarini.
- March 2000 Seventh IBN SINA International Conference on Pure and Applied Heterocyclic Chemistry, Alexandria, Egypt, 25-28 March 2000.
 - "Novel approaches, compounds and targets for anti-HIV chemotherapy" (invited lecture).
 - Chairman of Section of "Nucleosides" (invited).
- March-April 2000 Second International Conference on HIV and Iron, Brugge, Belgium, 31 March-1 April 2000.
 Chairman of Session on "HIV, Iron and Oxidative Stress" (invited).
- April 2000 Thirteenth International Conference on Antiviral Research, Baltimore, Maryland, USA, 16-21 April 2000.
 - Participation in Directory Board Meeting, Publications Committee Meeting, Awards Committee Meeting, Nominations Committee Meeting and Program Committee Meeting of the International Society for Antiviral Research.
 - "Antiviral Research" Editors' Meeting.
 - Chairman of Session on Retrovirus Infections II (invited).
- May 2000 Third European Congress of Chemotherapy, Madrid, Spain, 7-10 May 2000.
 - "New developments in anti-HIV chemotherapy" (invited expert lecture).
 - "Drug resistance in herpesviruses (HSV, CMV)" (invited lecture).
 - "Antiviral drugs in the treatment of virus-associated tumours" (invited lecture).
 - Chairman of Session "What is important in resistance to antivirals ?" (invited).
 - Chairman of Session "Pharmacology of antiviral drugs" (invited).
- May 2000 The 16th Philippine Chemistry Congress, Chemistry for the New Millenium, Manila Hotel, Rizal Park, Manila, The Philippines, 22-24 May 2000.
 "New developments in the chemotherapy of HIV infections" (invited plenary lecture).
- May 2000 Second International Conference on Signal Transduction (ICST), Dubrovnik (Cavtat), Croatia, 26-31 May 2000.
 "Chemokine receptor (CXCR4, CCR5) antagonists as anti-HIV agents" (invited selected talk).
- June 2000 Fourth International Workshop on HIV Drug Resistance and Treatment Strategies, Sitges, Spain, 12-16 June 2000.
 Chairman of Session on "New antiretrovirals" (invited).
- September 2000 First Symposium of High Technology Research Center, Chiba Institute of Technology, Tsudanuma, Narashino, Chiba, Japan, 6-7 September 2000.
 "New developments in anti-HIV chemotherapy" (invited lecturer and chairman).
- September 2000 The Jack Fox Satellite Symposium, XIVth International Round Table on Nucleosides, Nucleotides and their Biological Applications, San Francisco, California, USA, 10-14 September 2000, Satelllite Symposium held on 10 September 2000.
 "Antiviral activity of nucleoside analogues: the BVDU connection" (invited lecture).

- September 2000 XIVth International Round Table on Nucleosides, Nucleotides and their Biological Applications, San Francisco, California, USA, 10-14 September 2000.
- "Antiviral activity spectrum of carbocyclic and acyclic guanosine analogues" (invited lecture).
- Invitation to the XVth International Round Table (invited lecture).
- September 2000 XVIth International Symposium on Medicinal Chemistry, Bologna, Italy, 18-22 September 2000.
- "New developments in antiviral chemotherapy" (plenary lecture, invited).
- November 2000 Eighth International Antiviral Symposium and Workshop. Eleventh Annual Meeting of the Japanese Association of Antiviral Chemotherapy, Shimin Bunka Hall, Kagoshima, Japan, 19-21 November 2000.
- "Inhibition of HIV infection by chemokine receptor CXCR4 and CCR5 antagonists" (invited lecture).
- Chairman of Oral Session (invited).
- December 2000 Collaborative Research Seminar on HIV Entry and Fusion Inhibition, St. Lucia, Windward Islands, 8-10 December 2000.
"Bicyclams as CXCR4 antagonists" (invited lecture).
- December 2000 HIV DART 2000, Frontiers in Drug Development for Antiretroviral Therapies, Isla Verde, Puerto Rico, 17-21 December 2000.
Chairman, session "Drug Design and Discovery: Viral Targets".
- January 2001 Winter Meeting of the European Society for Clinical Virology, Ghent, Belgium, 11-13 January 2001.
"New developments in antiviral chemotherapy" (invited keynote lecture).
- March 2001 The 2001 Palm Springs Symposium on HIV/AIDS. The Development of Antiviral Therapies, Palm Springs, California, USA, 8-11 March 2001.
"Anti-HIV agents targeted at the HIV co-receptors for viral entry" (invited lecture).
- March-April 2001 Experimental Biology 2001, Annual Meeting of ASPET (American Society of Pharmacology and Experimental Therapeutics), Orlando, Florida, USA, 30 March-4 April 2001.
"Molecular targets for antiviral agents" (invited, Otto Kraymer Award Lecture).
- April 2001 221st ACS (American Chemical Society) National Meeting, San Diego, California, USA, 1-5 April 2001.
"CXCR4 receptor antagonist, AMD3100, is a potent inhibitor of HIV infection" (invited lecture at the "Symposium on Antagonists of HIV Entry – Potential New Therapies for Treatment of HIV Infection", Division of Medicinal Chemistry) (invited lecture).
- April 2001 Fourteenth International Conference on Antiviral Research (ICAR), Seattle, Washington, USA, 8-12 April 2001.
- Chairman of Session IV (Minisymposium) (invited).
- Discussant in Publications Committee, Conference Committee, Nominations Committee, Program Committee and Awards Committee meetings of the International Society for Antiviral Research (ISAR).
- April 2001 COST Chemistry Action D13 on New Molecules Towards Human Health Care, National Hellenic Research Foundation, Athens, Greece, 26-28 April 2001.
"Chemotherapy of human immunodeficiency virus (HIV) infections" (invited lecture).

- May 2001 Fourth International Conference on Human Herpesviruses 6, 7 and 8, Institut Pasteur, Paris, France, 10-12 May 2001.
“Antiherpetic drugs active against HHV-6, HHV-7 and HHV-8” (invited lecture).
- June 2001 Eleventh Symposium on HIV Infection; AIDS 2001: Third Decade of an Odyssey, Toulon, France, 14-16 June 2001.
“Bicyclam AMD3100 and derivatives as selective CXCR4 receptor anagonists and potent inhibitors of HIV infection” (invited lecture).
- July 2001 Twenty-Second International Congress of Chemotherapy, Amsterdam, The Netherlands, 30 June-3 July 2001.
“An Odyssey in the Viral Chemotherapy Field” (Hamao Umezawa Memorial Award Lecture).
- July 2001 XXXVII^{èmes} Rencontres Internationales de Chimie Thérapeutique (37th International Meeting on Medicinal Chemistry), Tours, France, 4-6 July 2001.
“New developments in anti-HIV chemotherapy” (invited lecture).
- September 2001 Eighth International Symposium on Molecular Aspects of Chemotherapy, Gdansk, Poland, 5-9 September 2001.
- “New developments in anti-HIV chemotherapy” (invited lecture).
- Chairman of Session on Antivirals (invited).
- October 2001 Second Congress of the European Society for Emerging Infections (ESEI), Budapest, Hungary, 21-23 October 2001.
“New developments in the search of anti-HIV agents”.
- October 2001 Second International Conference on Retroviral Integrase, A Novel Target for the Treatment of AIDS, Paris, France, 28-30 October 2001.
“Introduction to anti-HIV drugs and targets” (invited plenary lecture).
- February 2002 Second Konsensuskonferenz zur Therapie und Diagnostik des Herpes Zoster, Paul-Ehrlich-Gesellschaft für Chemotherapie, Deutsche Vereinigung zur Bekämpfung der Viruskrankheiten, Erfurt, Germany, 7-8 February 2002.
“New virustatics for the treatment of herpes zoster” (invited lecture).
- March 2002 Symposium on “Clinical Evaluation of New HIV Therapies overcoming HIV Drug Resistance”, International Institute of Research (IIR), Thistle Westminster, London, United Kingdom, 7-8 March 2002.
“Developing new anti-HIV agents and targets” (invited lecture).
- March 2002 Fifteenth International Conference on Antiviral Research (ICAR), Prague, Czech Republic, 17-21 March 2002.
- International Society for Antiviral Research (ISAR) Committee meetings: Directors’ Board, Antiviral Research Editorial, Publications, Nominations, Conference, Scientific Program, Scientific Awards.
- Chairman of Session VI on Retroviruses II (invited).
- April 2002 Eighteenth Annual Clinical Virology Symposium and Annual Meeting of the Pan American Society for Clinical Virology, Clearwater Beach, Florida, USA, 28 April-1 May 2002.
- Antiviral agents for the treatment of HIV infections (invited lecture).
- May 2002 ConVir 2002, European Conference on Viral Diseases, Klinikum Grosshadern, Munich, Germany, 10-12 May 2002.
- “Development of resistance to antiviral therapy (invited plenary lecture)”.
- “Highly potent and selective inhibition of varicella-zoster virus (VZV) replication by bicyclic thymidine analogues (BCNAs)” (invited lecture).

- Chairman of Oral Presentation Session on Laboratory Parameters and Diagnosis of Viral Infections (invited).
- May 2002 Microbicides 2002, Antwerp, Belgium, 12-15 May 2002.
 “Potential candidate anti-HIV microbicides” (invited lecture).
- June 2002 Seventh European Conference on Experimental AIDS Research (ECEAR 2002),
 Genoa, Italy, 8-11 June 2002.
 - “New anti-HIV agents: recent advances” (invited plenary lecture).
 - Chairman of Workshop 2 (Mutations and Drug Resistance) (invited).
- June 2002 Third International Conference on Ocular Infections: Stepping into the New
 Millennium, Salzburg, Austria, 9-13 June 2002.
 “Antiviral drug update: cidofovir” (invited keynote lecture).
- July 2002 XIVth World Congress of Pharmacology, San Francisco, California, USA, 7-12
 July 2002.
 - Symposium on “New Developments in Antiviral Agents” (Chairman: Erik De
 Clercq).
 - “Acyclic nucleoside phosphonates” (invited lecture).
- August 2002 The 224th ACS (American Chemical Society) National Meeting, Division of
 Medicinal Chemistry Symposium on “Non-HIV Antivirals”, Boston,
 Massachusetts, USA, 18-22 August 2002.
 “Highly potent and selective inhibition of varicella-zoster virus replication by
 bicyclic nucleoside analogs” (invited lecture).
- September 2002 G7+ Global Health Security Action Group Workshop on “Best Practices in
 Vaccine Production for Smallpox and other Potential Pathogens”, Paul-Ehrlich-
 Institut, Langen, Germany, 5-6 September 2002.
 “Potential of cidofovir in the treatment of poxvirus infections” (invited lecture).
- September 2002 Fifteenth International Round Table on Nucleosides, Nucleotides and Nucleic
 Acids, Leuven, Belgium, 10-14 September 2002.
 - Organizer and Chairman (with P. Herdewijn as Co-Organizer and Co-
 Chairman) of the International Round Table.
 - Chairman of the Plenary Mystery Session.
 - Board meeting of the International Society for Nucleosides, Nucleotides and
 Nucleic Acids (IS3NA).
- September 2002 First International Meeting on Medicinal and Pharmaceutical Chemistry (IMMPC-
 1), Gazi University, Ankara, Turkey, 25-28 September 2002.
 “Progress in anti-HIV drug design and developmen” (invited lecture).
- October 2002 Tenth Congress of the Bulgarian Microbiologists (with International
 Participation), Plovdiv, Bulgaria, 9-12 October 2002.
 “Recent advances in anti-HIV drug development” (invited plenary lecture).
- October 2002 Therapies for Viral Hepatitis, Boston, Massachusetts, USA, 29-31 October 2002.
 Chairman of Session on “Approaches to drug development” (invited).
- December 2002 Quinzièmes Entretiens du Centre Jacques Cartier, Nouveaux Traitements des
 Hépatitis Virales: de la Recherche à la Clinique, Lyon, France, 6-7 December
 2002.
 “Drug design progress” (invited keynote lecture).

- December 2002 HIV DART 2002, Frontiers in Drug Development for Antiretroviral Therapies (DART), Naples, Florida, USA, 15-19 December 2002.
“Drug discovery and development: the bicyclam AMD3100, a case in point” (invited lecture).
- January 2003 Planning of the Sixteenth ICAR (International Conference on Antiviral Research, Savannah, Georgia, USA, 27 April-1 May 2003), ICAR Program Committee and Conference Committee meetings, 6-7 January 2003, Reston, Virginia, USA.
- January 2003 Second Chiba Institute of Technology Symposium (13th Annual Meeting of the Japanese Association of Antiviral Chemotherapy and 2nd Symposium of High Technology Research Center), Tsudanuma, Narashino, Chiba, Japan, 27-29 January 2003.
“Antiviral potential of acyclic nucleoside phosphonate analogues (cidofovir, adefovir, tenofovir)” (invited lecture and chairperson).
- May 2003 Sixteenth International Conference on Antiviral Research (ICAR), Savannah, Georgia, USA, 27 April-1 May 2003.
- “CMV423, a potent and selective inhibitor of human herpesvirus 6 exerts its antiviral action through inhibition of cellular protein tyrosine kinase activity” (presented on behalf of L. De Bolle).
- Chairperson of session on “Poxviruses” (invited).
- Participation in Antiviral Research Editorial Board Meeting and in Nomination Committee, Publications Committee, Conference Committee, Scientific Program Committee, and Scientific Awards Committee meeting of the International Society for Antiviral Research (ISAR).
- May 2003 9th International Cytomegalovirus Workshop and First International Betaherpesvirus Workshop, Maastricht, The Netherlands, 20-25 May 2003.
- “New inhibitors of human cytomegalovirus replication” (invited lecture).
- Chairman of session “Virus-host interaction” (invited).
- June-July 2003 Second European Society of Clinical Microbiology and Infectious Diseases (ESCMID) School, Utrecht, The Netherlands, 28 June-4 July 2003
“New non-HIV antiviral agents” (invited lecture).
- October 2003 “Twenty-five years on: smallpox revisited”, Retroscreen Virology and Institute of Cell and Molecular Sciences Barts and the London Queen Mary’s School of Medicine & Dentistry, The Great Hall, St. Bartholomew’s Hospital, London, Great Britain, 31 October 2003.
“Antiviral drugs against poxviruses” (invited lecture).
- November 2003 IX International Antiviral Symposium and Workshop, Beldibi, Antalya, Turkey, 9-11 November 2003.
“Therapeutic potential of acyclic nucleoside phosphonates in the treatment of DNA virus and retrovirus infections” (invited lecture).
- January 2004 Keystone Symposium on “Bioterrorism and Emerging Infectious Diseases: Antimicrobials, Therapeutics and Immune-Modulators”, Keystone Resort, Keystone, Colorado, USA, 6-11 January 2004.
- “Therapeutic potential of nucleoside/nucleotide analogs against poxvirus infections” (invited plenary lecture).
- Chairman of Session on “New Information on Antiviral Mechanism of Action” (invited).

- January 2004 Planning of the Seventeenth ICAR (International Conference on Antiviral Research, Tucson, Arizona, USA, 2-6 May 2004), ICAR Program Committee and Conference Committee meetings, 8-9 January 2004, Dearborn, Michigan, USA.
- January 2004 ESCV (European Society for Clinical Virology) Winter Meeting, Copenhagen, Denmark, 15-17 January 2004.
“New antivirals” (invited keynote lecture).
- April 2004 New Perspectives in Herpes Virus Infections (Organized by Università degli Studi di Roma “Tor Vergata” con il supporto di Menarini), Grand Hotel Parco dei Principi, Rome, Italy, 1-2 April 2004.
Lettura Magistrale: “Recenti sviluppi della terapia antierpetica” (Recent developments in the therapy of herpesvirus infections).
- May 2004 Seventeenth International Conference on Antiviral Research (ICAR), Tucson, Arizona, USA, 2-6 May 2004.
- “SARS: a new challenge for antiviral therapy (glycopeptide antibiotic aglycons, mannose-specific lectins, etc.)” (oral presentation).
- ISAR (International Society of Antiviral Research) Committee Meetings: Nominations, Publications, Scientific Program, Scientific Awards and Conference.
- Antiviral Research Editorial Board Meeting.
- May 2004 First National Congress of the Italian Society of Pharmaceutical Microbiology (1° Congresso Nazionale della Società Italiana di Microbiologia Farmaceutica), Catania, Sicily, Italy, 28-30 May 2004.
“New antiviral (anti-HIV) compounds” (invited plenary lecture)
- June 2004 13th International Symposium on HIV and Emerging Infectious Diseases, International Convention Center, Toulon, France, 3-5 June 2004.
“The search for new antiretroviral drugs” (invited lecture).
- June 2004 First International Greek Biotechnology Forum, National Hellenic Research Foundation, Athens, Greece, 10-12 June 2004.
“New antiviral agents & strategies for the treatment of HIV infections (AIDS) (invited lecture).
- July 2004 Sixteenth International Conference on Phosphorus Chemistry (ICPC 2004), International Convention Centre, Birmingham, United Kingdom, 4-9 July 2004.
“Antiviral activity of acyclic nucleoside phosphonates” (invited lecture).
- September 2004 XVI International Round Table, International Society for Nucleosides, Nucleotides & Nucleic Acids, Minneapolis, Minnesota, USA, 12-16 September 2004.
“Antiviral potential of “new” acyclic nucleoside phosphonates, the 6-[2-(phosphonomethoxy)alkoxy]-2,4-diaminopyrimidines (invited plenary lecture).
- October 2004 The 50th Anniversary of the Rega Institute for Medical Research, University Hall, K.U.Leuven, Belgium, 8-9 October 2004.
Chairman of the three Symposia “Frontiers in Chemistry, Microbiology and Immunology”, “The Rega Institute: 50 Years of Medical Research”, and “HIV/AIDS, Antiretrovirals and the Developing World”, organized at the occasion of the 50th Anniversary of the Rega Institute.

- November-December 2004 International Symposium on Emergence and Control of Viral Respiratory Diseases, Fondation Mérieux Conference Center “Les Pensières”, Veyrier-du-Lac, Annecy, France, , 30 November-3 December 2004.
“Antivirals for pandemic respiratory virus infections : the viruses, the compounds and the strategies” (invited lecture).
- December 2004 HIV DART 2004, Frontiers in Drug Development for Antiretroviral Therapies, Montego Bay, Jamaica, 12-16 December 2004.
- “The era of antiretroviral therapy: how it started and evolved” (invited, “Gertrude Elion Distinguished Award Lecture”).
- Chairman of session on “The Implications of Viral Drug Resistance for the Development of Antiretroviral Agents and the Management of Patients” (invited).
- January 2005 Planning of the Eighteenth ICAR (International Conference on Antiviral Research, Barcelona, Spain, 10-14 April 2005), ICAR Program Committee and Conference Committee meetings, 5-6 January 2005, Reston, Virginia, USA.
- January 2005 Scientific Symposium in Honor of Dr. Maurice R. Hilleman, American Philosophical Society, Philadelphia, Pennsylvania, USA, 26 January 2005.
“Poly(I).poly(C): a fertile attraction. Antiviral activity of polynucleotides, nucleotides, and nucleosides” (invited lecture).
- March 2005 Second Symposium, International Consortium on Anti-Virals (ICAV), Consortium International sur les Thérapies Antivirales (CITAV), Ministère des Solidarités, de la Santé et de la Famille, Paris, France, 8-10 March 2005.
“Antiviral therapies” (Inaugural Conference, invited).
- March 2005 Annual Meeting of Finnish Virologists, Virologipäivät 2005, Haikko, Helsinki, Finland, 10-11 March 2005
“Antiviral drugs” (keynote lecture, invited).
- April 2005 Eighteenth International Conference on Antiviral Research, Barcelona, Spain, 11-14 April 2005. - “Antiviral drug development: where chemistry meets medicine” (Elion award lecture).
- Nomination Committee Meeting, Publication Committee Meeting, Program Committee Meeting, and Antiviral Research Editorial Board Meeting
- May 2005 Trends in Drug Research. Fifteenth Noordwijkerhout-Camerino Symposium, Noordwijkerhout, The Netherlands, 8-13 May 2005.
Inaugural lecture “Successes and pitfalls in the development of antiviral drugs” (invited opening lecture).
- May 2005 Twelfth Panhellenic Pharmaceutical Congress, Athens, Greece, 14-16 May 2005.
“Antivirals” (plenary lecture, invited).
- September 2005 Joint Meeting on “Fighting Infection: Challenges and Recent Advancements in Microbiology” of the Society for General Microbiology (UK), and the Societies for Medical Microbiology, Microbiology and Virology (Norway), Bergen, Norway, 27-30 September 2005.
“Antiviral drugs: old and new” (invited lecture).
- October 2005 Club de la Transplantation 2005, Infections Virales et Transplantations, Château hôtel Montroyal, La Chapelle en Serval, Chantilly, France, 6-7 October 2005.
“Développement de nouveaux traitements anti-viraux (Development of new antiviral treatments)” (invited lecture).

- October 2005 Fourteenth Congress of the European Academy of Dermatology and Venereology (EADV), London, United Kingdom, 12-16 October 2005.
“Antiviral drugs” (invited lecture).
- October 2005 Seventh European Congress of Chemotherapy and Infection, Federation of the European Societies for Chemotherapy and for Infection (FESCI), Florence, Italy, 19-22 October 2005.
“Antiviral drugs against varicella-zoster virus (VZV)” (invited lecture).
- January 2006 Planning of the Nineteenth ICAR (International Conference on Antiviral Research, San Juan, Puerto Rico, 7-11 May 2006), ICAR Program Committee and Conference Committee meetings, 11 January 2006, Reston, Virginia, USA.
- March 2006 Sixth International Symposium on Ocular Pharmacology and Therapeutics (ISOPT), Berlin, Germany, 30 March-2 April 2006.
“Antiviral drugs” (invited lecture).
- May 2006 Fifth International Conference on HHV-6 & 7, Barcelona, Spain, 30 April-3 May 2006.
- “In search of effective anti-HHV-6 agents” (invited lecture).
- Chairman of Session on Antivirals (invited).
- May 2006 Nineteenth International Conference on Antiviral Research (ICAR), San Juan, Puerto Rico, 7-11 May 2006.
- International Society for Antiviral Research (ISAR) Conference Committee & Publication Committee and Program Committee Meetings
- Antiviral Research Editorial Board Meeting.
- May 2006 Second VIRGIL International Symposium on Antiviral Drug Resistance (VIRGIL = European Network for the Vigilance against Antiviral Drug Resistance), Lyon, France, 23 May 2006.
“New antiviral drugs for HBV, HCV, HIV and influenza viruses. Inhibitors of influenza virus” (invited lecture).
- May 2006 International Cancer Vaccine Conference in association with Eighth (8th) ECEAR (European Conference on Experimental AIDS Research), Naples, Italy, 26-28 May 2006.
“New anti-HIV agents: recent advances” (invited lecture).
- May-June 2006 Bridging the Sciences: HIV, HBV, HCV and Emerging Viruses, Le Palais des Congrès de Paris, France, 31 May-2 June 2006 (Organizers Y. Benhamou and R.F. Schinazi).
“Bridging chemistry to HIV, HBV, HCV and poxvirus infections: the phosphonate bridge” (invited plenary lecture).
- June 2006 First International Conference on Avian Influenza in Humans. Latest Advances on Prevention, Therapies and Protective Measures, Institut Pasteur, Paris, France, 29-30 June 2006.
- “Avian influenza in humans, existing treatments, their limits, and new perspectives” (invited lecture)
- Chairman, Session on H5N1 Detection, Treatments and Perspectives (invited).
- August-September 2006 XIXth International Symposium on Medicinal Chemistry, Istanbul, Turkey, 29 August-2 September 2006.
- “New vistas for the treatment of DNA virus and retrovirus infections” (invited lecture).
- Chairman of the Session “New Vistas in Antiviral Research” (invited).

- September 2006 Eleventh International Wartburg Colloquium “Varicella and Zoster”, Deutschen Vereinigung zur Bekämpfung der Viruskrankheiten (DVV) und der Paul-Ehrlich-Gesellschaft für Chemotherapie (PEG), Wartburg (Eisenach), Germany, 18-20 September 2006.
“Antiviral drugs against varicella-zoster virus” (VZV) (invited lecture).
- October 2006 EVER (European Association for Vision and Eye Research) meeting, Vilamoura, Portugal, 4-7 October 2006.
AER (Association for Eye Research) Award Lecture on “Antivirals for viral eye infections” (The Pirie/van Heyningen/Nordmann Guest Lecture).
- October 2006 Medicinal Chemistry in the 21st Century (Organic Chemistry Division of the Portuguese Chemical Society, Faculty of Pharmacy), Lisbon, Portugal, 13-14 October 2006.
“Acyclic nucleoside phosphonates: past, present and future” (invited plenary lecture”.
- November 2006 Symposium on “AIDS in the Third World”, Koninklijke Academie voor Geneeskunde van België (Royal Academy of Medicine of Belgium), Paleis der Academiën (Palace of the Academics), Brussels, Belgium, 25 November 2006.
- Convener of the Symposium (with Peter Piot as co-convener).
- “Anti-HIV agents” (invited lecture).

Lectures at Foreign Universities and Research Institutes

- 2 November 1970 "Interferon inducers", National Institutes of Health, Bethesda, Maryland, USA (host : Dr. R.M. Friedman).
- 3 November 1970 "Structural requirements of synthetic polynucleotides for induction of interferon", The Johns Hopkins University Medical School, Baltimore, Maryland, USA (hosts: Dr. W.A. Carter and Prof. Dr. P.O.P. Ts'o).
- 5 November 1970 "Mechanism of interferon induction by synthetic polynucleotides". Experimental Station, Central Research & Development Department, E.I. du Pont de Nemours & Company, Wilmington, Delaware, USA (host : Dr. R.Z. Lockart, Jr.).
- 18 May 1972 "New perspectives in the clinical application of interferon and interferon inducers", The M. Sklodowska-Curie Institute of Oncology, Warsaw, Poland (host: Prof. Dr. D. Shugar).
- 19 May 1972 "Biochemical aspects of the induction and action of interferon", Polish Academy of Sciences, Institute of Biochemistry and Biophysics, Warsaw, Poland (host : Prof. Dr. D. Shugar).
- 23 May 1972 "Recent studies on mechanism of induction and action of interferon", Czechoslovak Academy of Sciences, Institute of Virology, Bratislava, Czechoslovakia (host : Dr. L. Borecky).
- 22 June 1972 "The mechanism of interferon induction by synthetic double-stranded polynucleotides", Institut du Radium, Fondation Curie, Orsay, France (host : Dr. E. De Maeyer).
- 4 April 1975 "Interactions among polynucleotides as monitored by interferon induction", National Institutes of Health (NIH), Bethesda, Maryland, USA (hosts : Dr. P.F. Torrence & Dr. B. Witkop).
- 5 June 1975 "Synthetische polynucleotiden als inductoren van interferon en/of inhibitoren van de reverse transcriptase", Universiteit van Nijmegen, The Netherlands (host : Dr. H.P.J. Bloemers).
- 4 September 1975 "Synthetic polynucleotides as inducers of interferon and/or inhibitors of reverse transcriptase", Molecular Biology Department, Miles Laboratories, Elkhart, Indiana, USA (host : Dr. B. Janik).
- 8 September 1975 "Antiviral activity of novel nucleoside analogs", National Institutes of Health (NIH), Bethesda, Maryland, USA (host : Dr. P.F. Torrence).
- 10 September 1975 "Interferon induction by RNAs, double- and triple-stranded", Roswell Park Memorial Institute, Buffalo, New York, USA (host : Prof. Dr. W.A. Carter).
- 23 October 1975 "Les polynucléotides synthétiques en tant qu'inducteurs d'interféron et/ou inhibiteurs de la rétrotranscriptase", Institut de Cancérologie et d'Immunogénétique (ICIG), Villejuif, France (host : Prof. Dr. C. Jasmin).
- 28 November 1975 "Mécanisme d'induction de l'interféron par des polynucléotides synthétiques", Institut National de la Recherche Agronomique (Station de Recherches de Virologie et d'Immunologie), Thiverval-Grignon, France (host : Dr. R. Scherrer).
- 8 October 1976 "Polynucleotides as inducers of interferon", Tufts University School of Medicine, Boston, Massachusetts, USA (host: Prof. Dr. B.D. Stollar).

- 15 October 1976 "Polynucleotides as inducers of interferon", University of Cincinnati, Cincinnati, Ohio, USA (host : Prof. Dr. A.M. Bobst).
- 28 June 1978 "Development of new antivirals", Experimental Station, Central Research & Development Department, E.I. du Pont de Nemours & Company, Wilmington, Delaware, USA (host : Dr. R.Z. Lockart Jr).
- 29 March 1979 "Antiviral chemotherapy : selective anti-herpes agents", Department of Antiviral Chemotherapy, Research and Development Laboratories, Astra Läkemedel AB, Södertälje, Sweden (host : Dr. E. Helgstrand).
- 11 June 1979 "Reverse transcriptase inhibitors", Institut für Pharmazie und Lebensmittelchemie der Friedrich-Alexander Universität, Erlangen-Nürnberg, Federal Republic of Germany (host : Prof. Dr. O. Dann).
- 10 October 1979 "New anti-herpes agents", Memorial Sloan-Kettering Cancer Center, New York, N.Y., USA (host : Prof. Dr. J.J. Fox).
- 11 October 1979 "Anti-herpes chemotherapy", Department of Pharmacology, Yale University School of Medicine, New Haven, Connecticut, USA (host : Prof. Dr. W.H. Prusoff).
- 11 March 1980 "E-5-(2-Bromovinyl)-2'-deoxyuridine : a potent and selective anti-herpes agent", Beecham Pharmaceuticals (Chemotherapeutic Research Centre), Brockham Park, Betchworth, Surrey, England (host : Dr. D. Planterose).
- 26 June 1980 "Perspectives of nucleoside analogues in the chemotherapy of viral diseases", Central Research Institute for Chemistry of the Hungarian Academy of Sciences, Budapest, Hungary (hosts : Prof. Dr. L. Ötvös & Dr. J. Sagi).
- 5 November 1980 "New developments in antiviral chemotherapy", Wissenschaftliche Abteilung, Robugen GmbH, Pharmazeutische Fabrik, Esslingen/Neckar, Federal Republic of Germany (hosts : Dr. E. Mauz & Dr. B. Hempel).
- 29 January 1981 "Antiviral chemotherapy : state of the art", Forschung Grünenthal GmbH, Aachen, Federal Republic of Germany (hosts : Dr. P. Jacobi & Dr. R. Hörhammer).
- 23 February 1981 "Bromovinyldeoxyuridine and other selective antiviral drugs", Institut für Pharmazie und Lebensmittelchemie der Friedrich-Alexander Universität, Erlangen-Nürnberg, Federal Republic of Germany (host : Prof. Dr. O. Dann).
- 10 April 1981 "Nieuwe ontwikkelingen op het gebied van antivirale middelen", Medische Microbiologie, Rijksuniversiteit Groningen, The Netherlands (host : Prof. Dr. J.B. Wilterdink).
- 29 April 1981 "Recent developments in antiviral chemotherapy", Department of Chemistry, The University of Birmingham, England (hosts : Dr. R.T. Walker & Prof. Dr. A.S. Jones).
- 30 April 1981 "New developments in antiviral chemotherapy", Department of Pathology, Addenbrooke's Hospital, University of Cambridge, England (hosts : Dr. H.J. Field & Prof. Dr. P. Wildy).
- 11 May 1981 "Selective antiviral drugs", National Institutes of Health (NIH), Bethesda, Maryland, USA (host : Dr. P.F. Torrence).

- 14 May 1981 "Selective antiviral drugs with therapeutic potential", The Wellcome Research Laboratories, Burroughs Wellcome Co., Research Triangle Park, North Carolina, USA (host : Dr. L. Beacham).
- 15 May 1981 "New antiherpesvirus agents", Division of Clinical Pharmacology, The Johns Hopkins University School of Medicine, Baltimore, Maryland, USA (host : Prof. Dr. P.S. Lietman).
- 3-4 June 1981 "BVDU, E-5-(2-bromovinyl)-2'-deoxyuridine, review :
 - Antiviral activity in vitro
 - Antiviral activity in vivo
 - Mechanism of action
 - Pharmacology and toxicology
 - Clinical efficacy",
 Searle Research and Development (G.D. Searle & Co.), Sophia Antipolis, France (host : Dr. A.J. Hale).
- 29 June 1981 "Recent advances in antiviral chemotherapy", Division of Infectious Diseases, Department of Medicine, Beth Israel Hospital, Harvard Medical School, Boston, Massachusetts, USA (host : Prof. Dr. C. Crumpacker).
- 18 August 1981 "Selective antiviral drugs", Syntex Research, Palo Alto (Dr. D.A. Eppstein), and Stanford University School of Medicine, Stanford, California, USA (host : Prof. Dr. T.C. Merigan).
- 21 August 1981 "Strategies in the design of antiviral drugs", Faculty of Medicine, The University of Alberta, Edmonton, Alberta, Canada (hosts : Prof. Dr. M.J. Robins and Prof. Dr. A.R.P. Paterson).
- 24 August 1981 "Antiviral potentials of bromovinyldeoxyuridine", Searle Research and Development (G.D. Searle & Co.), Chicago, Illinois, USA (hosts : Prof. Dr. D. Azarnoff and Dr. H. Schoepke).
- 26 August 1981 "Antiviral potentials of E-5-(2-halogenovinyl)pyrimidine nucleosides", Department of Pharmacology, Yale University School of Medicine, New Haven, Connecticut, USA (hosts : Dr. H.S. Allaudeen and Prof. Dr. W.H. Prusoff).
- 8 September 1981 "New developments in antiviral research", Institute of Virology, Natural Environment Research Council, Oxford, England (hosts : Dr. D.C. Kelly and Dr. T.W. Tinsley).
- 2 November 1981 "Antiviral potentials of bromovinyldeoxyuridine", Bereich Medizin (Charité) der HumboldtUniversität, Berlin, D.D.R. (host : Prof. Dr. H.A. Rosenthal).
- 4 November 1981 "Therapeutic potentials of antiherpetic drugs", Forschungszentrum für Molekularbiologie und Medizin, Akademie der Wissenschaften der DDR, Berlin-Buch, D.D.R. (hosts : Prof. Dr. P. Langen and Prof. Dr. W. Zschesche).
- 12 May 1982 "Antiviral potentials of (E)-5-(2-bromovinyl)-2'-deoxyuridine (BVDU)", Searle Research and Development, G.D. Searle, High Wycombe, Bucks, England (host: Dr. B.M. Richards).
- 4 August 1982 "Selective antiherpes drugs : therapeutic potentials for the treatment of herpes simplex and varicella zoster virus infections", Behringwerke AG, Marburg, Federal Republic of Germany (hosts : Dr. J. Hilfenhaus and Dr. R.F. Mauler).

- 24 August 1982 "Therapeutic potentials of BVDU [(E)-5-(2-bromovinyl)-2'-deoxyuridine] in the treatment of herpesvirus infections", Department of Medicine, The University of British Columbia, Vancouver, British Columbia, Canada (host : Dr. S.L. Sacks).
- 26 August 1982 "Antiviral potential of bromovinyldeoxyuridine (BVDU) and other 5-substituted pyrimidine nucleoside analogues", Alberta Heritage Foundation for Medical Research, The University of Alberta, Edmonton, Alberta, Canada (host : Prof. Dr. M.J. Robins).
- 30 August 1982 "Antiviral drugs : recent developments", Department of Animal, Dairy and Veterinary Sciences, College of Agriculture, Utah State University, Logan, Utah, USA (host : Prof. Dr. R.W. Sidwell).
- 1 September 1982 "Therapeutic potentials of BVDU [(E)-5-(2-bromovinyl)-2'-deoxyuridine] in the treatment of herpesvirus infections", Department of Pediatrics, University of Utah School of Medicine, Salt Lake City, Utah, USA (host : Dr. E.R. Kern).
- 14 September 1982 "Strategies in the design of antiviral drugs", Roche Research Lecture Programme, Roche Products Limited, Welwyn Garden City, England (hosts : Dr. R.W. Lambert, Dr. M.J. Hall and Dr. C.H. Hassall).
- 22 November 1982 "Selective antiherpes agents", Yamasa Shoyu Co. Research Laboratories, Araoicho, Choshi, Chiba, Japan (hosts : Dr. H. Machida and Dr. A. Kuninaka).
- 22 November 1982 "Recent progress in antiviral chemotherapy", Department of Microbiology, School of Medicine, Chiba University, Inohana, Chiba, Japan (host : Prof. Dr. T. Kuwata).
- 27 November 1982 "Design of nucleoside analogues as selective antiviral agents", Aichi Cancer Center Research Institute, Chikusa-ku, Nagoya, Japan (host : Dr. K. Ono).
- 29 November 1982 "Recent developments in antiherpes chemotherapy", Fukushima Medical College, Fukushima, Japan (host : Prof. Dr. S. Shigeta).
- 30 November 1982 "Recent developments in antiviral chemotherapy", Tohoku University School of Medicine, Sendai, Japan (host : Prof. Dr. N. Ishida).
- 3 December 1982 "Antiviral potentials of bromovinyldeoxyuridine (BVDU)", Department of Pediatrics, UCLA School of Medicine, University of California, Los Angeles, California, USA (host : Prof. Dr. Y. Bryson).
- 6 December 1982 "Strategies for the design of antiviral drugs", Texas College of Osteopathic Medicine, North Texas State University, Fort Worth, Texas, USA (host : Prof. Dr. L.B. Allen).
- 6 December 1982 "Selective antiherpes agents", Department of Microbiology and Immunology, North Texas State University, Fort Worth, Texas, USA (host : Prof. Dr. E.F. Harris, Chairperson).
- 6 December 1982 "Strategies for the design of antiviral drugs", Research and Development Microbiology, Alcon Laboratories, Fort Worth, Texas, USA (host : Dr. B.A. Schlech, Director).
- 7 December 1982 "Selective antiherpes agents", Department of Biological Sciences, North Texas State University, Denton, Texas, USA (host : Dr. Y.C. Chen).
- 7 December 1982 "Selective antiherpes agents", Wadley Institutes of Molecular Medicine, Dallas, Texas, USA (host : Dr. N.O. Hill, President).

- 8 December 1982 "Nucleoside and polynucleotide analogues as antiviral agents", Department of Microbiology, The University of Texas Medical Branch, Galveston, Texas, USA (host : Prof. Dr. S. Baron, Chairperson).
- 9 December 1982 "Development of inhibitors of herpes simplex virus replication", Department of Microbiology, The University of Alabama in Birmingham, Birmingham, Alabama, USA (host : Prof. Dr. R.J. Whitley).
- 10 December 1982 "Strategies in the design of antiviral agents", Southern Research Institute, Birmingham, Alabama, USA (host : Dr. J.A. Montgomery, Senior Vice-President).
- 8 February 1983 "Targets for the design of antiviral drugs", Pfizer Central Research, Sandwich, Kent, England (host : Dr. W.D. Butt, Director).
- 21 March 1983 "Strategies in the design of antiviral agents", National Institute of Mental Health, National Institutes of Health, Bethesda, Maryland, USA (host : Dr. G.L. Cantoni, Chief, Laboratory of General and Comparative Biochemistry).
- 22 March 1983 "Strategies in the design of antiviral agents", Smith Kline and French Laboratories, Research and Development, Philadelphia, Pennsylvania, USA (host : Dr. H.S. Allaudeen).
- 25 March 1983 "Therapeutic potentials of bromovinyldeoxyuridine", Children's Hospital Medical Center, University of Washington, Seattle, Washington, USA (host : Prof. Dr. L. Corey).
- 28 March 1983 "Antiviral activity of 5-substituted 2'deoxyuridines", College of Pharmacy, University of Michigan, Ann Arbor, Michigan, USA (hosts : Prof. Dr. L.B. Townsend, Chairman, and Prof. Dr. J.C. Drach).
- 29 March 1983 "Therapeutic potentials of bromovinyldeoxyuridine", Hutzel Hospital, School of Medicine, Wayne State University, Detroit, Michigan, USA (host : Prof. Dr. A.M. Lerner, Chief).
- 30 August 1983 Round Table Discussion on the Use of Animal Models in the Evaluation of Antiherpes Agents, Sandoz Forschungsinstitut, Vienna, Austria (host : Dr. H. Bachmayer, Head of the Department of Virology).
- 4 October 1983 "New trends in antiviral chemotherapy", Instituto de Quimica Medica, Consejo Superior de Investigaciones Cientificas, Madrid, Spain (host : Dr. F.G. De las Heras).
- 23 February 1984 "Therapeutic potentials of bromovinyldeoxyuridine", Institut für Virologie der Universität zu Köln, Köln, Federal Republic of Germany (host : Prof. Dr. H.J. Eggers, Director).
- 2 April 1984 Round Table Discussion on New Leads in the Development of Antiviral Agents, Schering Corporation, Bloomfield, New Jersey, USA (host : Dr. G.H. Miller, Director of Antibiotic Screening and Evaluation).
- 3 April 1984 "Promises and failures of antiviral chemotherapy", Department of Microbiology, School of Medicine, New York University, New York, USA (host : Prof. Dr. R.J. Klein).

- 4 April 1984 "Recent developments on bromovinyldeoxyuridine, a selective antiherpes agent", Department of Pharmacology and Experimental Therapeutics, The Johns Hopkins University School of Medicine, Baltimore, Maryland, USA (host : Prof. Dr. P.S. Lietman).
- 5 April 1984 "Promises and pitfalls of antiherpes drugs", Department of Microbiology, The Milton S. Hershey Medical Center, The Pennsylvania State University, Hershey, Pennsylvania, USA (host: Prof. Dr. F. Rapp, Chairman).
- 6 April 1984 "Targets for the antiviral and antitumor action of nucleoside analogs", Smith Kline and French Laboratories, Research and Development, Philadelphia, Pennsylvania, USA (host : Dr. H.S. Allaudeen).
- 16 April 1984 "Potency and selectivity of bromovinyldeoxyuridine as an anti-herpes agent", Marjorie B. Kovler Viral Oncology Laboratories, Committee on Virology, The University of Chicago, Chicago, Illinois, USA (host : Prof. Dr. B. Roizman, Chairman).
- 17 April 1984 "Targets for antiviral agents", The Upjohn Company, Kalamazoo, Michigan, USA (host : Dr. H.E. Renis).
- 1 August 1984 "Targets for antiviral and antitumour agents", Department of Biochemical Pharmacology, Institute of Cancer Research, Belmont, Sutton, Surrey, England (host : Prof. Dr. K. Harrap, Department Head).
- 14 September 1984 "Targets for the development of new antiviral agents", Toyo Jozo Research Laboratories, Mifuku Ohito-cho, Togata-Gun, Shizuoka-ken, Japan (hosts : Dr. K. Fujimoto, Director New Business Development, and Dr. J. Murase, Director Medicinal Research Laboratories).
- 28 September 1984 "Antiviral potentials of 5-chloroethyldeoxyuridine in comparison with 5-bromovinyldeoxyuridine", Sandoz Forschungsinstitut, Vienna, Austria (hosts : Dr. B. Rosenwirth and Dr. H. Bachmayer, Head of the Department of Virology).
- 9 October 1984 "Recent developments in antiviral chemotherapy", Université des Sciences et Techniques du Languedoc, Montpellier, France (host : Prof. Dr. B. Lebleu).
- 11 December 1984 "Recent developments on antiherpetic drugs", Robert Koch Hörsahl, Bereich Medizin (Charité) der Humboldt-Universität, Berlin, D.D.R. (host : Prof. Dr. H.A. Rosenthal).
- 12 December 1984 "Recent developments in antiviral therapy", Robert Koch-Institut, Berlin, Federal Republic of Germany (host : Prof. Dr. H. Diringer).
- 13 December 1984 Round Table Discussion on Antiviral Potentials of Bromovinyldeoxyuridine, Merz & Co. GmbH, Frankfurt am Main, Federal Republic of Germany (host : Dr. L.H. Bonacker, Vice-President).
- 15 January 1985 "Antiviral potential of pyrimidine and purine carbocyclic nucleoside analogues", Glaxo Group Research Ltd., Greenford, Middlesex, England (host : Dr. J.M. Cameron).
- 27 February 1985 "Recent developments on antiviral agents", Institut für Immunologie und Onkologie, Bayer AG Pharma-Forschungszentrum, Wuppertal, Federal Republic of Germany (hosts : Dr. G. Streissle and Prof. Dr. H.D. Schlumberger).

- 25 March 1985 "Strategies in designing antiherpetic drugs", Gustav-Embden-Zentrum der Biologischen Chemie, Klinikum der Johann Wolfgang Goethe Universität, Frankfurt/Main, Federal Republic of Germany (host : Prof. Dr. P. Chandra).
- 26 March 1985 "Inhibitors of reverse transcriptase and retrovirus replication", Paul-Ehrlich-Institut, Frankfurt/Main, Federal Republic of Germany (host : Prof. Dr. H.D. Brede, President of the Paul-Ehrlich Institute).
- 28 March 1985 "New developments in antiviral chemotherapy", Wissenschaftliche Abteilung, Robugen GmbH, Pharmazeutische Fabrik, Esslingen/Neckar, Federal Republic of Germany (hosts : Dr. E. Mauz and Dr. B. Hempel).
- 4 June 1985 Discussion on assay systems for the evaluation of antiviral agents against high hazard viral infections, US Army Medical Research Institute of Infectious Diseases (USAMRIID), Fort Detrick, Frederick, Maryland, USA (host : Dr. P.G. Canonico, Chief, Department of Antiviral Studies).
- 5 June 1985 "New trends in antiviral chemotherapy", Pharmaceutical Research and Development Division, Bristol-Myers Company, Syracuse, New York, USA (host : Dr. C. McLaren).
- 6 June 1985 Discussion on the clinical development of antiviral agents, Science and Technology Group, Bristol-Myers Company, New York, New York, USA (hosts: Dr. J.A. Vida, Director of Licensing, and Dr. G. Vita, President of Bristol-Myers Research and Development).
- 20 June 1985 Discussion on the role of S-adenosylhomocysteine hydrolase in the antiviral activity of nucleoside analogues, Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague, Czechoslovakia (host: Dr. A. Holý).
- 23 September 1985 "Recent developments in antiviral chemotherapy", Molecular Biology Seminar Series, The University of Kansas, Lawrence, Kansas, USA (host : Prof. Dr. M.P. Mertes).
- 25 September 1985 "Recent developments in antiviral chemotherapy", Sterling-Winthrop Research Institute, Rensselaer, New York, USA (hosts : Dr. G. Diana and Dr. M.J. Otto).
- 26 September 1985 "Recent developments in antiviral chemotherapy", Infectious Disease Division, Department of Medicine, Beth Israel Hospital, Harvard Medical School, Boston, Massachusetts, USA (host : Prof. Dr. C. Crumpacker).
- 3 October 1985 Discussion on the world-wide industrial development of bromovinyldeoxyuridine, VEB-Berlin Chemie, Humboldt-Universität, Akademie der Wissenschaften der DDR, Berlin, DDR (hosts : Dr. G. Hüttel, Prof. Dr. H.A. Rosenthal and Prof. Dr. P. Langen).
- 16 January 1986 "Perspectives d'avenir sur les antiviraux", Groupe d'Etude et de Recherche sur l'Herpès (G.E.R.H.), Paris, France (hôtes : Dr. B. Audeval, Secrétaire, et Prof. Dr. B. de Thé, Président du Groupe d'Etude et de Recherche sur l'Herpès).
- 21 January 1986 Discussion on the molecular and pharmacological aspects of protein-nucleic acid interactions (with Prof. Dr. J.W. Lown, Prof. Dr. J.-L. Imbach, Dr. O. Kennard and Prof. Dr. C. Paoletti), Laboratoire de Pharmacologie Moléculaire, Institut Gustave-Roussy, Villejuif, France (host : Prof. Dr. C. Paoletti).

- 10 February 1986 Discussion on the development of new adenosine analogues (phosphonylmethoxyalkyl derivatives) as antiviral agents, Science and Technology Group, Bristol-Myers Company, New York, New York, USA (hosts: Dr. J.A. Vida, Director of Licensing, and Dr. G. Vita, President of Bristol-Myers Research and Development).
- 11 February 1986 "Broad-spectrum anti-DNA virus activity of acyclic adenosine phosphonate analogues", Pharmaceutical Research and Development Division, Bristol-Myers Company, Syracuse, New York, USA (host : Dr. C. McLaren).
- 5 March 1986 Discussion of the therapeutic use of phosphonylmethoxyalkyl derivatives of adenosine as antiviral agents, Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Science, Prague, Czechoslovakia (Host : Dr. K. Sebesta, Director of the Institute of Organic Chemistry and Biochemistry).
- 14 March 1986 "Recent developments in antiviral chemotherapy, particularly towards retrovirus infections", Sandoz Forschungsinstitut, Vienna, Austria (host : Dr. B. Rosenwirth).
- 11 April 1986 "New developments in antiviral chemotherapy", Department of Experimental Oncology and Virology, Roche Research Center, Hoffmann-La Roche Inc., Nutley, New Jersey, USA (host : Dr. I.S. Sim, Head of Antiviral Chemotherapy).
- 24 April 1986 "Recent developments in antiviral chemotherapy", jointly organized by the Czechoslovak Chemical and Medical Societies, Prague, Czechoslovakia (hosts : Dr. K. Sebesta, Director of the Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, and Prof. Dr. B. Korych, Faculty of Medicine, Charles' University).
- 12 May 1986 Discussion on the structure-activity relationship of 5-substituted 2'-deoxyuridines, Department of Physiological Sciences, College of Veterinary Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada (host: Prof. Dr. V.S. Gupta).
- 13 May 1986 "Recent developments in antiviral chemotherapy", Ortho Pharmaceutical (Canada) Ltd., Don Mills, Toronto, Ontario, Canada (host : Dr. D. Ilse, Director, Pharmaceutical Research Department).
- 14 May 1986 "New developments in the search for selective antiviral agents", Department of Pharmacology, Yale University School of Medicine, New Haven, Connecticut, USA (host : Prof. Dr. W.H. Prusoff).
- 15 September 1986 Discussion on the ophthalmic use of bromovinyldeoxyuridine, Dr. Mann Pharma, Berlin-West, Federal Republic of Germany (hosts : Dr. O. Riel, Marketing Director, and Dr. E. Schwalbe-Riel, Managing Director).
- 11 December 1986 "New developments in antiviral chemotherapy", Gemeinsames Chemisches und Biologisches Kolloquium, Fachbereich Biologie/ Chemie, Osnabrück, Federal Republic of Germany (host : Prof. Dr. F. Seela, Laboratorium für Organische und Bioorganische Chemie).
- 15 December 1986 "New developments in antiviral agents : (S)-HPMPA analogues and 2',3'-dideoxynucleoside analogues", Pharmaceutical Research and Development Division, BristolMyers Company, Wallingford, Connecticut, USA (host : Dr. J.C. Martin, Associate Director of Anti-Infective Chemistry).

- 17 December 1986 Discussion on the development of new phosphonate derivatives of purine and pyrimidine nucleosides, Science and Technology Group, Bristol-Myers Company, New York, New York, USA (hosts : Dr. J.A. Vida, Director of Licensing, and Dr. G. Vita, President of Bristol-Myers Research and Development).
- 21 January 1987 "Review of the current research on antiviral agents", Pasteur Vaccins, Paris, France (Hosts : Dr. M. Girard, Scientific Director, and Mrs. M.-J. Lecomte, Chairman of Pasteur Vaccins).
- 27 January 1987 "New developments in antiviral chemotherapy", Hoechst Pharma-Synthese, Hoechst Aktiengesellschaft, Frankfurt am Main, Federal Republic of Germany (hosts : Dr. M. Rösner, Prof. Dr. R. Geiger and Prof. Dr. W. Bartmann, Director, Hoechst Pharma-Synthese).
- 23 February 1987 "New targets for new antiviral agents", Centre International de Recherches Dermatologiques (CIRD), Sophia Antipolis, Valbonne Cédex, France (hosts : Dr. J.C. Jamouille, Dr. B. Shroot and Prof. Dr. H. Schaefer, Director CIRD).
- 13-14 April 1987 Planning of Bayer Centenary Conference on "A Second Century of Anti-Infective Chemotherapy", Chicago, Illinois, USA (host : Prof. Dr. G.G. Jackson, Keeton Professor of Medicine, The University of Illinois at Chicago).
- 24 April 1987 "New trends in antiviral chemotherapy", R. & S. Antiinfectives, Farmitalia Carlo Erba, Milano, Italy (hosts : Dr. C. Battistini, Dr. F. Arcamone and Dr. R. Roncucci, Director of Research and Development).
- 9 June 1987 "Nieuwe bestanddelen actief tegen het AIDS virus", Scientific Development Group, Organon, Oss, The Netherlands (hosts : Dr. H.C.J. Ottenheim, Director of the Bio-Organic Chemistry R & D Laboratories, and Dr. K. Wiedhaup, Director of Research and Development).
- 11 June 1987 "Antiviral drug development : new antiviral agents active against the AIDS virus", Arzneimittelsynthese, Hauptlaboratorium, BASF Aktiengesellschaft, Ludwigshafen, Federal Republic of Germany (hosts : Dr. B. Janssen, Dr. J.-U. Bliesener, and Dr. H.U. Schenck, Director).
- 25 July 1987 Planning of Bayer Centenary Conference on "A Second Century of Anti-Infective Chemotherapy", Zürich, Switzerland (host : Prof. Dr. G.G. Jackson, Keeton Professor of Medicine, The University of Illinois at Chicago).
- 29 July 1987 "Trends in the research of antiviral agents", Clinical Hospital Center (Center of Medical Sciences) of the University of Zagreb, Yugoslavia (host : Prof. Dr. G. Piljac, Director of the Center of Medical Sciences).
- 27 August 1987 "Clinical aspects of antiviral agents", Westmead Hospital, Sydney University Hospitals, Sydney, New South Wales, Australia (host : Dr. A.L. Cunningham, Head of the Virology Department, Institute of Clinical Pathology and Medical Research).
- 31 August 1987 "Recent trends in antiviral chemotherapy", Institute of Molecular and Cell Biology, National University of Singapore, Kent Ridge, Singapore (host : Dr. Y.H. Tan, Director of the Institute of Molecular and Cell Biology).
- 2 November 1987 "New developments in antiviral chemotherapy", Pharmaceutical Research and Development Division, Bristol-Myers Company, Wallingford, Connecticut, USA (host : Dr. J.C. Martin, Associate Director of Anti-Infective Chemistry).

- 3 November 1987 "New developments in anti-AIDS virus chemotherapy", Department of Pharmacology, Yale University School of Medicine, New Haven, Connecticut, USA (host : Prof. Dr. W.H. Prusoff).
- 4 November 1987 "New anti-HIV (human immunodeficiency virus) agents", National Institutes of Health (Building 1), Bethesda, Maryland, USA (hosts : Dr. C. Laughlin, Antiviral Substances Program Officer and Dr. G.J. Galasso, Associate Director for Extramural Affairs).
- 5 November 1987 Discussion on the development of 2',3'-dideoxynucleoside analogues as anti-AIDS virus drugs, Science and Technology Group, Bristol-Myers Company, New York, New York, USA (host : Dr. J.A. Vida, Director of Licensing).
- 6 November 1987 "New developments in antiviral chemotherapy", University of Medicine and Dentistry of New Jersey, Robert Wood Johnson Medical School, Piscataway, New Jersey, USA (host : Prof. Dr. V. Stollar).
- 7 January 1988 Discussion on new leads in the development of antiviral drugs, Efamol Ltd., Woodbridge Meadows, Guildford, Surrey, England (hosts : Dr. B. Reynolds, Dr. C. Stewart and Dr. D.F. Horobin, Chief Executive Officer).
- 4 February 1988 "Recent trends in antiviral chemotherapy", Institut für Immunologie und Virologie der Universität Zürich, Universitätsspital, Zürich, Switzerland (host : Prof. Dr. O. Haller).
- 25 March 1988 "Chemotherapy of AIDS", Departamento de Microbiologia e Immunologia, Facultad de Farmacia y Bioquímica, Universidad de Buenos Aires (lecture delivered in Mar del Plata), Argentina (host : Prof. Dr. R.A. de Torres).
- 15 April 1988 "New antiviral agents active against the AIDS virus", Department of Pharmaceutical Chemistry, School of Pharmacy, University of California, San Francisco, California, USA (host : Prof. Dr. R.H. Shafer, Professor of Chemistry and Pharmaceutical Chemistry).
- 4 May 1988 "Development of new selective anti-HIV compounds", Pharmaceutical Research Center (Pharma Forschungszentrum), Bayer AG, Wuppertal, Federal Republic of Germany (hosts : Dr. G. Streissle and Prof. Dr. H.D. Schlumberger).
- 7 June 1988 "Sulfated polysaccharides : review of their antiviral properties", Institut Choay, Paris, France (host : Dr. J. Choay, President).
- 7 July 1988 "Anti-HIV agents with clinical potential", Inaugural Meeting of the Medical Research Council (MRC) AIDS Directed Programme Committee, MRC Head Office, Park Crescent, London, England (hosts : Dr. M.J. Gait and Dr. M.F. Perutz, MRC Laboratory of Molecular Biology, Cambridge).
- 19 August 1988 Discussion on the development of new antiviral agents, and in particular anti-HIV agents, Central Research Institute for Chemistry of the Hungarian Academy of Sciences, Budapest, Hungary (hosts : Dr. I. Szinai, Dr. J. Sagi, Dr. J. Béres and Prof. Dr. L. Ötvös).
- 6 September 1988 "Recent developments in antiviral chemotherapy", Department of Microbiology/Immunology, College of Medicine, Northeastern Ohio Universities, Rootstown, Ohio, USA (host : Prof. Dr. J.J. Docherty, Chairman of the Department of Microbiology/Immunology).

- 23 October 1988 "Nouveaux médicaments antiviraux en cours de développement, spécialement pour le traitement du S.I.D.A.", Congrès des Pharmaciens du Nord - Pas-de-Calais, Faculté de Pharmacie, Lille, France (host : Prof. Dr. M. Debaert).
- 26 October 1988 Discussion on the development of sulfated polysaccharides as anti-AIDS drugs, Organon International B.V. (Pharma Division), Oss, The Netherlands (hosts : Dr. F. den Hollander, Dr. H.C.J. Ottenheim and Dr. K. Wiedhaup, Director of Research and Development).
- 27 October 1988 "Trends in de ontwikkeling van antivirale middelen", Openings Symposium van de Nederlandse Vereniging voor Farmaceutische Wetenschappen, Utrecht, The Netherlands (host : Prof. Dr. D.K.F. Meijer, Rijksuniversiteit Groningen).
- 4 November 1988 "Recent progress with the phosphonylmethoxyalkylpurine and -pyrimidine derivatives", Pharmaceutical Research and Development Division, Bristol-Myers Company, Wallingford, Connecticut, USA (host : Dr. J.C. Martin).
- 30 November 1988 Discussion on anti-HIV research and strategies, Rhône-Poulenc (Centre de Recherches de Vitry), La Croix de Berny, France (host : Dr. A. Zerial)
- 30 November 1988 "Les antiviraux en développement", Assemblée Générale de la Société Française de Chimie Thérapeutique, Faculté de Pharmacie, Paris, France (host : Prof. Dr. M. Miocque, Président de la Société de Chimie Thérapeutique).
- 5 December 1988 "Recent approaches towards the chemotherapy of HIV infection" & "Table ronde sur les antiviraux en développement", Strasbourg Research Center, Merrell Dow Research Institute, Strasbourg, France (host : Dr. S. Halazy).
- 12 December 1988 "New perspectives for the chemotherapy of AIDS", Biochemical Research Center, Boehringer Mannheim GmbH, Penzberg, Federal Republic of Germany (host : Dr. E. Koch)
- 27 February 1989 "Recent developments in anti-AIDS chemotherapy", Sandoz Research Institute, Vienna, Austria (hosts: Prof. Dr. B. Rosenwirth and Dr. P. Dukor, Director of Research and Development).
- 13 March 1989 "New developments on chemotherapy for AIDS", Lilly Research Laboratories, Lilly Corporate Center, Indianapolis, Indiana, USA (hosts: Dr. S.R. Jaskunas, Head of Molecular Biology Research, and Dr. C. Lopez, Director of Virology Program).
- 14 March 1989 Round Table discussion on antiviral activity of nucleoside analogues with Staff Members of Lilly Research Laboratories, Lilly Corporate Center, Indianapolis, Indiana, USA (host: Dr. S.R. Jaskunas, Head of Molecular Biology Research).
- 14 and 15 March 1989 Board of Directors Meeting of the International Society for Antiviral Research, Southern Research Institute, Birmingham, Alabama, USA (participants: A.K. Field, G.J. Galasso, E.R. Kern, W.M. Shannon and R.J. Whitley).
- 16 March 1989 "New perspectives for the chemotherapy of AIDS", Wilson Hall, National Cancer Institute, National Institutes of Health, Bethesda, Maryland, USA (host: Dr. J.S. Driscoll, Chief, Laboratory of Medicinal Chemistry, Developmental Therapeutics Program, Division of Cancer Treatment).

- 17 March 1989 Round Table discussion on the synthesis of oligonucleotides (2-5A analogues) and dideoxynucleoside pyridinium derivatives with the research group of Dr. P.F. Torrence, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, Maryland, USA (host: Dr. P.F. Torrence, Laboratory of Biomedical Chemistry).
- 6 April 1989 "Leading compounds for the chemotherapy of AIDS and their mechanism of action", Laboratory of Molecular Biology (LMB), Medical Research Council (MRC), Cambridge, England (hosts: Dr. M.J. Gait and Dr. M.F. Perutz).
- 21 April 1989 "Recent developments on anti-HIV chemotherapy", Division of Tumor and Virus Research, Ciba-Geigy Ltd, Basle, Switzerland (host: Dr. J. Lazdins).
- 13 June 1989 Discussion on development of anti-HIV drugs for the treatment of AIDS, Sandoz Forschungsinstitut, Vienna, Austria (hosts: Prof. Dr. B. Rosenwirth and Prof. P. Dukor, Director of the Sandoz Forschungsinstitut).
- 14 June 1989 "Perspectives for the chemotherapy of AIDS", Austrian Chemical Society, Institut für Organische Chemie, Technische Universität (Erzherzog Johann Universität), Graz, Austria (host: Prof. Dr. H. Griengl).
- 4 September 1989 "The Rega Institute for Medical Research: European Community (EC) centralized facility and concerted action for design, synthesis and evaluation of new antiviral compounds against AIDS", EC Project Management Group on Basic Research AIDS, Istituto Superiore di Sanità, Rome, Italy (host: Prof. Dr. G.B. Rossi).
- 20 September 1989 Discussion on the development of sulfated polysaccharides (i.e. dextran sulfate) as potential anti-AIDS drugs, Pfeifer & Langen, Dormagen, Köln, Federal Republic of Germany (host: Dr. H. Giehring, Hauptverwaltung).
- 28 September 1989 "New antiviral agents with clinical potential", Festkolloquium (aus Anlass des 65. Geburtstages unter der Emeritierung von Prof. Dr. H.A. Rosenthal), Bereichs Medizin (Charité) der Humboldt-Universität zu Berlin, German Democratic Republic (host: Prof. Dr. H.A. Rosenthal, Direktor des Institutes für Virologie).
- 21 November 1989 "Antiviral approaches to the chemotherapy of AIDS", International Scientific Committee Meeting on Antivirals, Farmitalia Carlo Erba, Milan, Italy (host: Dr. R. Roncucci, Director of Research and Development).
- 4 December 1989 "New developments in the search for effective anti-HIV agents", Pharmaceutical Research and Development Division, Bristol-Myers Company, Wallingford, Connecticut, USA (host: Dr. J.C. Martin, Associate Director of Antiinfective Chemistry).
- 6 December 1989 "New developments in the chemotherapy of AIDS", Oncogen, Seattle, Washington, USA (hosts: Dr. P. Senter, Dr. M. Gorman, General Manager, and Dr. G. Todaro, Scientific Director).
- 17 January 1990 "In search of an effective chemotherapy for AIDS", School of Pharmaceutical Sciences, Showa University, Hatanodai, Shinagawa-ku, Tokyo, Japan (host: Prof. Dr. T. Miyasaka).
- 17 January 1990 "Current trends in antiviral chemotherapy", Mitsubishi Kasei Corporation, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan (hosts: Dr. S. Katada, Dr. K. Ohtsu and Dr. H. Ishikawa, Managing Director).

- 18 January 1990 "Chemotherapy of HIV infections", Aichi Cancer Center Research Institute, Tashiro-cho, Chikusa-ku, Nagoya, Japan (host: Dr. K. Ono).
- 20 January 1990 "New lead compounds in antiviral chemotherapy", Tanabe Seiyaku Company, Kashima 3-chome, Yodogawa-ku, Osaka, Japan (host: Dr. Y. Iwasawa, General Manager).
- 22 January 1990 "In search of an effective chemotherapy for AIDS", Fukushima Medical College, Hikarigaoka, Fukushima, Japan (host: Prof. Dr. S. Shigeta, Chairman of the Department of Bacteriology).
- 22 January 1990 Discussions on the future of antiviral chemotherapy with Dr. N. Ishida (President of Intelligent Cosmos Research, Sendai) and his Excellence, Tokuma Utsunomiya [Member of the House of Councillors (National Diet (Senate) of Japan), and President of Minophagen Pharmaceutical], Shimizu, Chiyoda-ku, Tokyo, Japan.
- 2-4 March 1990 Program Committee Meeting Third International Conference on Antiviral Research (Brussels, Belgium, April 22-27, 1990), National Institutes of Health, Bethesda, Maryland, USA (hosts: Prof. Dr. R.J. Whitley, President of the International Society for Antiviral Research and Dr. G.J. Galasso, Adjunct-Director of the National Institutes of Health).
- 22 March 1990 Discussion sur le développement de dérivés de l'héparine comme agents anti-HIV et antiviraux, Institut Choay, Sanofi Recherche Centre Choay, Gentilly, France (host: Dr. Jean Choay, Director).
- 23 March 1990 "Nouveaux développement dans nos recherches sur les produits anti-HIV", Institut Curie, Paris, France (host: Dr. Pierre Demerseman).
- 3 April 1990 "New developments in search for effective anti-HIV agents", and discussions on the design and development of new anti-HIV compounds, Sandoz Forschungsinstitut, Vienna, Austria (hosts: Prof. Dr. B. Rosenwirth, Prof. H. Gstach and Prof. Dr. P. Dukor).
- 4-7 June 1990 University of South Carolina Distinguished Lecturer in Biomedical Sciences, University of South Carolina, Columbia, South Carolina, USA.
- 4 June "The design and development of magic bullets - historical perspectives in chemotherapy" (host: Prof. Dr. J. David Gangemi, School of Medicine).
- 5 June "Drug design and discovery - the chemistry and biochemistry of antiviral nucleosides" (host: Prof. Dr. R. Bruce Dunlap, College of Science and Mathematics).
- 6 June "Pre-clinical drug development - the biochemistry, pharmacology, and molecular biology of nucleoside antimetabolites" (host: Prof. Dr. Sandra H. Berger, College of Pharmacy).
- 7 June "Clinical evaluation of new antivirals and anti-cancer agents - therapeutic activity and toxicity" (host: Prof. Dr. William P. Schmidt, Richland Memorial Hospital).
- 8 June "New developments in AIDS therapy and future directions" (host: Prof. Dr. J. David Gangemi, Richland Memorial Hospital).
- 8 June 1990 Executive Committee Meeting of the International Society for Antiviral Research, University of Alabama, Birmingham, Alabama, USA (hosts: Prof. Dr. Earl R. Kern and Prof. Dr. R.J. Whitley).

- 14 June 1990 "New perspectives for the treatment of herpes- and retrovirus infections", Jahrestagung der Österreichischen Gesellschaft für Chemotherapie, Hörsäle der Kopfklinik der Universität Innsbruck, Innsbruck, Austria (host: Prof. Dr. B. Rosenwirth, Sandoz Forschungsinstitut, Vienna, Austria).
- 3 October 1990 "Recent developments in the search for new anti-HIV drugs", Center for Biologics Evaluation and Research (CBER), Food and Drug Administration (FDA), National Institutes of Health (NIH), Bethesda, Maryland, USA, 3 October 1990 (host: Dr. William M. Egan, Chief of the Biophysics Laboratory).
- 10 October 1990 Round Table presentation on "New leads in the development of anti-HIV agents", Sandoz Forschungsinstitut, Vienna, Austria (host: Prof. Dr. B. Rosenwirth).
- 10 October 1990 "Recent developments in the antiviral therapy of AIDS", Institut für Organische Chemie der Universität Wien, Vienna, Austria (host: Prof. Dr. E. Zbiral).
- 20 November 1990 "Anti-HIV chemotherapy", Centre de Recherche de Vitry-Alfortville, Rhône-Poulenc Santé, Vitry sur Seine Cedex, France (host: Dr. A. Zerial, Head Anti-HIV Unit Biology Department).
- 29 November 1990 "Nouvelles approches pour la chimiothérapie des infections à HIV et CMV", Centre de Biophysique Moléculaire du Centre National de la Recherche Scientifique (CNRS), Université d'Orléans, Orléans, France (host: Prof. Dr. M. Monsigny, Directeur du CNRS).
- 1 December 1990 "Ribavirin combination with purine 2',3'-dideoxynucleosides (The place of ribavirin in the therapy of HIV infection)", World AIDS Day, The Royal College of Physicians of Ireland, Dublin, Ireland (host: Dr. R.A. Smith, Vice President ICN Pharmaceuticals).
- 25 January 1991 Discussion on "Clinical development of new dextran sulfate derivatives as anti-HIV agents" with Prof. P.S. Lietman (Division of Clinical Pharmacology), The Johns Hopkins University School of Medicine, Baltimore, Maryland, USA (host: Prof. Dr. P.S. Lietman, Director of Clinical Pharmacology).
- 26 January 1991 Program Committee Meeting of the Fourth International Conference on Antiviral Research, National Institutes of Health, Bethesda, Maryland (host: Dr. G.J. Galasso, Associate Director NIH).
- 18 March 1991 Discussions on the activity of modified (acylated) heparin derivatives against retrovirus infections *in vitro* and *in vivo*, Centre Choay, Sanofi Recherche, Gentilly Cedex, France (host: Dr. J. Choay, President Choay Center).
- 5 April 1991 Discussion on the systemic (oral and parenteral) treatment of varicella-zoster virus (VZV) infections in immunocompromised patients, Berlin-Chemie AG, Berlin, Germany (host: Prof. Dr. sc. K. Kaufmann, Direktor für Forschung, Berlin-Chemie).
- 9 April 1991 "Combination of ribavirin with dideoxyinosine (DDI) in the treatment of HIV infections", Round Table on Ribavirin, ICN Pharmaceuticals, Amsterdam, The Netherlands (host: Dr. L.J. Lewandowski, Vice President, Medical Affairs, ICN Pharmaceuticals).
- 15 April 1991 "Present situation in the field of antivirals", followed by discussions on strategies towards the development of antiviral drugs, Sandoz Forschungsinstitut, Vienna, Austria (hosts: Prof. Dr. B. Rosenwirth and Prof. Dr. H. Bachmayer).

- 17 April 1991 Antiviral (anti-HIV) activity of bicyclam derivatives and polyoxometalates (Johnson Matthey Materials Technology Division), Ciba-Geigy AG, Basel, Switzerland (host: Dr. M. Clausen, Director of Licensing).
- 18 April 1991 Antiviral (anti-HIV) activity of bicyclam derivatives and polyoxometalates (Johnson Matthey Materials Technology Division), Glaxo International House, Ealing London, England (host: Dr. M.G. Grey, International Licensing Director).
- 22 April 1991 Antiviral (anti-HIV) activity of bicyclam derivatives and polyoxometalates (Johnson Matthey Materials Technology Division), Smith Kline Beecham, King of Prussia, Pennsylvania, USA (host: Dr. S.R. Petteway).
- 23 April 1991 Antiviral (anti-HIV) activity of bicyclam derivatives and polyoxometalates (Johnson Matthey Materials Technology Division), Eli Lilly Laboratories, Indianapolis, Indiana, USA (host: Dr. C. Lopez).
- 24 April 1991 Antiviral (anti-HIV) activity of bicyclam derivatives and polyoxometalates (Johnson Matthey Materials Technology Division), Sandoz Forschungsinstitut, Vienna, Austria (host: Prof. Dr. B. Rosenwirth).
- 14 May 1991 "New developments in the search of anti-HIV agents", Laboratoire de Chimie de Coordination, Centre National de la Recherche Scientifique (CNRS), Toulouse, France (host: Prof. Dr. B. Meunier).
- 20 May 1991 Discussions on the antiviral activity/toxicity profile of (*S*)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine (BMY-41671), Pharmaceutical Research Institute, Bristol-Myers Squibb, Wallingford, Connecticut, USA (host: Dr. J.A. Vida, Vice-President of Licensing).
- 22 May 1991 "Nucleoside and non-nucleoside analogues: therapeutic potential for the treatment of retrovirus and herpesvirus infections", Boehringer Ingelheim Pharmaceuticals Research and Development, Ridgefield, Connecticut, USA (hosts: Dr. M.R. Matteo and Dr. V.J. Merluzzi).
- 28 May 1991 "New developments in antiviral chemotherapy", Department of Chemistry, University of South Florida, Tampa, Florida, USA (host: Prof. Dr. S.W. Schneller, Department of Chemistry).
- 11 July 1991 Antiviral (anti-HIV) activity of bicyclam derivatives and polyoxometalates (Johnson Matthey Materials Technology Division), Medical Research Division, Lederle Laboratories, American Cyanamid Company, Pearl River, New York, USA (host: Dr. F.P. Tally, Executive Director, Infectious Disease & Molecular Biology Research).
- 12 July 1991 "New advances in research on anti-HIV agents", Biomedical Research, Materials Technology Division, Johnson Matthey, West Chester, Pennsylvania, USA (host: Dr. D.H. Picker, Vice-President).
- 10 September 1991 "Bicyclams and polyoxometalates as inhibitors of HIV replication", presentation in cooperation with G. Henson, M. Abrams and D. Picker, Johnson Matthey Pharmaceutical Research, West Chester, Pennsylvania, USA, at the Pharmaceutical Research Division, Warner-Lambert Company, Ann Arbor, Michigan, USA (host: Dr. Richard F. Haff, Vice-President).
- 11 September 1991 "Novel leads in the development of antiviral compounds for the therapy of retroviral and herpes virus infections", Department of Chemistry, Oakland University, Rochester, Michigan, USA (host: Prof. Dr. R.C. Taylor).

- 19-20 November 1991 Discussion with Dr. J.C. Martin and Dr. M. Riordan (Gilead Sciences, Foster City, California, USA) on the development of (S)-1-(3-hydroxy-2-phosphonylmethoxypropyl)cytosine (HPMPC) for the treatment of herpesvirus infections, Bethesda, Maryland, USA (hosts: Dr. J.C. Martin and Dr. M. Riordan, Vice-President and President, Gilead Sciences).
- 6 December 1991 "Overzicht van de antivirale geneesmiddelen gebruikt in de behandeling van herpesvirusinfecties", Boerhaave Cursus over de Kliniek en Behandeling van Herpesvirus Infecties, Faculteit der Geneeskunde, Rijksuniversiteit Leiden, The Netherlands (host: Prof. Dr. R. van Furth, Voorzitter Boerhaave Cursus).
- 8 February 1992 "Perspectives des antiviraux", Service des Maladies Infectieuses, Hôpital Bichat Claude-Bernard, Paris, France (hosts: Dr. C. Leport and Prof. Dr. J.-L. Vildé, Chef de Service).
- 24 February 1992 Discussion on "Anti-HIV Activity of Bicyclam Derivatives", Johnson Matthey Materials Technology Division (West Chester, Pennsylvania, USA), Basel, Switzerland (host: Dr. G.W. Henson, Manager Preclinical and Clinical Development).
- 25 February 1992 Discussion of Research Project on "Anti-HIV Activity of Macrocyclic Polyamines", Johnson Matthey Materials Technology Division - Sandoz Forschungsinstitut Vienna, Sandoz Pharma, Basel, Switzerland (host: Dr. R. Datema, Director of Preclinical Development).
- 14 March 1992 Discussions on "Development of phosphonylmethoxyalkylpurines and -pyrimidines (HPMPC, PMEAs, etc.) as therapeutic agents against viral diseases", Gilead Sciences, Foster City, California, USA (hosts: Dr. J.C. Martin, Vice President, Research and Development, and Dr. M. Riordan, Chief Executive Officer, Gilead Sciences).
- 10 April 1992 Discussion on "New leads for the development of anti-HIV compounds", Centre de Gentilly, Centre de Toulouse, Sanofi Recherche, Gentilly, Paris, France (hosts: Dr. M. Pascal & Dr. J.-P. Maffrand, Directeurs Scientifiques).
- 21 May 1992 "Update on development of new anti-HIV agents", Genta Incorporated, General Atomics Court, San Diego, California, USA (host: Dr. D.H. Picker, Senior Vice President Research and Development).
- 22 May 1992 Discussions on the perspectives for the clinical use of new anti-HIV agents, Vyrex Corporation Research and Development, La Jolla, California, USA (hosts: Dr. S.S. Hendler & Dr. R. Sanchez).
- 26 June 1992 "New perspectives for the treatment of HIV-1 infections", Korea Research Institute of Chemical Technology, Daejeon, Korea (hosts: Dr. Chong-Kyo Lee, Dr. Zaesung No and Dr. Yung Bog Chae, President).
- 27 July 1992 "Perspectives for the development of new anti-HIV and other antiviral agents", Central Research Laboratories, Ajinomoto Co., Suzuki-cho, Kawasaki, Japan (hosts: Dr. K. Izawa and Dr. H. Shiragami, Process Development Laboratories, Ajinomoto Co.).

- 29 July 1992 "New inhibitors of HIV replication", Department of Microbiology, School of Medicine, Tokyo Medical and Dental University, Bunkyo-ku, Tokyo, Japan (hosts: Dr. H. Nakashima and Prof. Dr. N. Yamamoto, Chairman of the Department of Microbiology).
- 31 July 1992 "The problem of HIV-1 resistance to HIV-1-specific reverse transcriptase inhibitors", Discussion on the development of HEPT derivatives for the treatment of HIV infections, Research Center, Mitsubishi Kasei Corporation, Kamoshida-cho, Midori-ku, Yokohama, Japan (hosts: Dr. S. Yuasa and Dr. K. Ohtsu, Director of Pharmaceuticals Laboratory).
- 1 August 1992 "New perspectives for the treatment of HIV infections", Department of Microbiology, Fukushima Medical College, Fukushima, Japan (hosts: Dr. M. Baba and Prof. Dr. S. Shigeta, Chairman of the Department of Microbiology).
- 27 August 1992 "New antiviral agents effective against HIV (human immunodeficiency virus)", Baxter Healthcare Corporation Applied Sciences, Technology Park, Round Lake, Illinois, USA (host: Dr. Steven F. Josephs).
- 28 August 1992 "New candidate compounds for the treatment of human immunodeficiency virus (HIV) infections", Department of Medicinal Chemistry and Pharmacognosy, School of Pharmacy and Pharmacal Sciences, Purdue University, West Lafayette, Indiana, USA (host: Prof. Dr. Mark Cushman, Professor of Medicinal Chemistry).
- 21 September 1992 "New chemical approaches to the chemotherapy of HIV infections", Department of Chemistry (Henry Eyring Building), The University of Utah, Salt Lake City, Utah, USA (hosts: Prof. Dr. W.G. Bentrude and Prof. Dr. P.J. Stang, Chairman of the Department of Chemistry).
- 22 September 1992 "New approaches towards the chemotherapy of HIV infections", Center for AIDS Research, Stanford University Medical Center, Stanford, California, USA (host: Prof. Dr. T.C. Merigan, Chairman of the Center for AIDS Research at Stanford).
- 23 September 1992 "Antiviral activity profiles of nucleosides and nucleotides", Gilead Sciences, Foster City, California, USA (hosts: Dr. N. Bischofberger, Dr. J.C. Martin and Dr. M. Riordan, President and Chief Executive Officer of Gilead Sciences).
- 5 October 1992 "Anti-HIV activity of bicyclams: virology, mechanism of action and resistance", Sandoz Forschungsinstitut, Vienna, Austria (host: Dr. R. Datema, Director, Antiretroviral Therapy Program).
- 8 January 1993 Program Committee Meeting of the Sixth International Conference on Antiviral Research, National Institutes of Health, Bethesda, Maryland (host: Dr. G.J. Galasso, Associate Director NIH).
- 8 February 1993 "Strategies to prevent or overcome resistance of HIV to antiviral drugs (i.e. bicyclams)", Meeting on Preclinical Development of Bicyclam Derivatives, Sandoz Forschung, Basel, Switzerland (host: Dr. R. Datema, Sandoz Forschungsinstitut, Vienna, Austria).
- 18 March 1993 "New developments in the search for anti-HIV agents", Department of Medicinal Chemistry and Pharmacognosy, College of Pharmacy, The University of Illinois at Chicago, Illinois, USA (host: Dr. P.S. Mohan, Assistant Professor of Medicinal Chemistry and Hans Vahlteich Research Scholar).

- 19 March 1993 Discussions on the development of acyclic nucleoside phosphonates (HPMPC, PMEAs and their derivatives) and prodrugs thereof, Gilead Sciences, Foster City, California, USA (host: Dr. John C. Martin, Executive Vice President for Research and Development).
- 20 April 1993 "Tour d'horizon (point de vue) à propos des différentes molécules à explorer en fonction de diverses cibles pour la chimiothérapie du SIDA", Agence Nationale de Recherches sur le SIDA (ANRS), Paris, France (host: Prof. Dr. J.-P. Lévy, Directeur de l'ANRS).
- 30 April 1993 Discussion on the development of bicyclam JM3100 (SDZ 282-791) and cyclosporine derivative SDZ 211-811 as anti-HIV agents, Antiretroviral Agents Meeting, Sandoz Research Institute, Venice (host: Dr. M. Tolpin, Director Clinical Research, Sandoz USA).
- 12 May 1993 "New developments in the chemotherapy of herpesvirus infections", Pharma-Synthese, Hoechst Aktiengesellschaft, Frankfurt am Main, Germany (hosts: Dr. I. Winkler and Prof. Dr. G. Seibert, Head of Research Antiinfectives).
- 20 May 1993 "The search for a drug cure for HIV infection", Association of Clinical Biochemists Wales Region on "The HIV Epidemic", University Hospital of Wales, Cardiff, Wales (host: Dr. Rhys John, University Hospital of Wales, Cardiff).
- 21 May 1993 "Chemotherapy of herpesvirus infections", Department of Ophthalmology, University of Bristol, Bristol, United Kingdom (hosts: Dr. M. Berry and Prof. Dr. D.L. Easty, Professor of Ophthalmology).
- 22 September 1993 Discussions on Antiviral Drug Discovery and Development, Avid Therapeutics Inc., University City Science Center, Philadelphia, Pennsylvania, USA (hosts: Dr. E.J. Thomas, Executive Vice President, and Dr. F.H. Anthony, President).
- 23 September 1993 "Recent progress with anti-HIV agents, particularly reverse transcriptase inhibitors", Materials Technology Division, Johnson Matthey Inc., West Chester, Pennsylvania, USA (host: Dr. G.W. Henson, Director).
- 24 September 1993 Discussions on the Development of Bicyclams as Anti-HIV Drugs, Materials Technology Division, Johnson Matthey Inc., West Chester, Pennsylvania, USA (hosts: Dr. G.W. Henson and M. Abrams, Biomedical Research Worldwide Manager).
- 12 October 1993 "Antiviral therapy, competition of BVDU versus other antivirals", Discussions on the role of BVDU in Antiviral Therapy, Berlin-Chemie Aktiengesellschaft, Berlin, Germany (hosts: Prof. Dr. K.-D. Kaufmann and Prof. Dr. A. Giachetti, A. Menarini, Firenze, Italy).
- 22 November 1993 "Non-nucleoside reverse transcriptase inhibitors of human immunodeficiency virus type 1", Gilead Sciences, Foster City, California, USA (host: Dr. J.C. Martin, Executive Vice President for Research and Development).
- 23 November 1993 "Current state of development of antiviral agents, in particular against herpes- and retroviruses", Genta Inc., General Atomics Court, San Diego, California, USA (host: Dr. D.H. Picker, Senior Vice President of Research and Development).

- 9 December 1993 "Recent developments on the chemotherapy of HIV infections", Forschungsleitung, Hoechst Aktiengesellschaft, Hoechst, Frankfurt, Germany [hosts: Dr. W. Scheibitz & Dr. U.-H. Felcht, Mitglied des Vorstands (President Research & Development)].
- 27 January 1994 "Search for antiviral compounds effective against the human immunodeficiency virus", Centre National de la Recherche (CNRS), Reconnaissance et Interaction Moléculaire (Réactivité des Molécules Fluorées), Centre d'Etudes Pharmaceutiques de Châtenay-Malabry (hosts: Dr. M. Langlois, Dr. J.-P. Bégué, Directeur de Recherche, CNRS).
- 31 January 1994 "Development of new antiviral, anti-AIDS and anticancer agents", Norsk Hydro Research Center Porsgrunn, Oslo, Norway (hosts: Dr. M.L. Sandvold, Dr. F. Myhren, and Dr. E.O. Strutz, Director of Technology and Development).
- 11 February 1994 "Current developments in AIDS research: what to expect from HIV chemotherapy", Department of Virology, Institut für Mikrobiologie und Hygiene, Klinikum der Albert-Ludwigs-Universität Freiburg, Germany (host: Prof. Dr. O. Haller, Director of the Institut für Mikrobiologie und Hygiene).
- 11 August 1994 "New leads in the development of anti-HIV drugs", Central Research Laboratories, Ajinomoto Company, Kawasaki, Japan (host: Dr. K. Izawa, Director, Process Development Laboratories).
- 26 September 1994 Discussion on the development of bicyclams as anti-HIV drugs, Sandoz Forschungsinstitut, Vienna, Austria (host: Dr. R. Datema, Director Research and Development).
- 14 October 1994 "New achievements with HIV inhibitors", Biochem Thérapeutique Inc., Biochem Pharma Inc., Laval, Québec, Canada (host: Dr. Tarek S. Mansour, Director of Medicinal and Developmental Chemistry, and Dr. G. Dionne, President of BioChem Therapeutic).
- 25 October 1994 "Les cibles virales et les stratégies thérapeutiques" (invited plenary lecture). Les Journées Scientifiques du Pôle Universitaire Européen (President: Prof. Dr. Edmond Fischer), Interface Chimie Biologie, Les Antiviraux, Faculté de Médecine, Université Montpellier I, France (host: Prof. Dr. J.-L. Imbach, Université Montpellier II).
- 3 November 1994 "New developments on anti-HIV chemotherapy", Istituto di Ricerche di Biologia Molecolare (IRBM) P. Angeletti, Pomezia (Roma), Italy (host: Dr. J. Jiricny, Director).
- 7-8 November 1994 Discussions on the development of acyclic nucleoside phosphonates [Cidofovir (Vistide™) and bis-POM-PMEA] for the treatment of herpes- and retrovirus infections, Gilead Sciences, Foster City, California, USA (hosts: Dr. Norbert Bischofberger, Vice-President of Organic Chemistry, and Dr. John C. Martin, Executive Vice President, Research and Development).
- 9 November 1994 General discussions and summation from a researcher's viewpoint on "Antisense drug strategies", Genta Virology Summit Meeting, Genta Incorporated, San Diego, California, USA (host: Dr. Donald H. Picker, Senior Vice President of Research and Development).
- 11 November 1994 "Recent advances in the chemotherapy of AIDS", Department of Chemistry & Biochemistry, Brigham Young University, Provo, Utah, USA (host: Prof. Dr. Morris J. Robins, J. Rex Goates Professor of Chemistry).

- 13 December 1994 "CMV antivirals" (lecture given jointly with Dr. J. Neyts), Rhône-Poulenc Rorer Recherche-Développement, Centre de Recherche de Vitry-Alfortville, Vitry sur Seine, France (host: Dr. N. Dereu, Director Medicinal Chemistry Department).
- 21 March 1995 "New anti-herpesvirus agents (Nieuwe anti-herpes middelen)", Minisymposium "Nieuwe ontwikkelingen in de diagnostiek en het beleid van herpesvirusinfecties", Academisch Ziekenhuis Maastricht, Nederland (The Netherlands) (host: Prof. Dr. C. Bruggeman).
- 29 June 1995 Discussions on therapeutic usefulness of guanosin octed based oligonucleotides (hosts: Dr. R.F. Rando, Dr. P. Cossum and Dr. J.M. Chubb, President, Triplex Pharmaceutical Corporation, Woodlands, Texas, USA).
Discussions on therapeutic usefulness of bicyclams and acyclic nucleoside phosphonates (i.e. HPMPC), Rhône-Poulenc Rorer, Vitry sur Seine, Paris, France (hosts: Dr. A. Bousseau, Dr. N. Dereu and Dr. H. Fliri, Director Anti-Infective Research).
- 27 September 1995 Discussions on phase III clinical study of bis(POM)PMEA (Adefovir Dipivoxil) for the treatment of AIDS with different investigators, Gilead Sciences (Foster City, California, USA), Copenhagen, Denmark (hosts: Dr. H. Jaffe, Dr. M. Hitchcock and Dr. J.C. Martin, Executive Vice President for Research & Development, Gilead Sciences).
- 5-6 October 1995 Scientific Advisory Council Meeting, Abbott Laboratories, Abbott Park, Illinois, USA (host: Dr. A.S. Rosenthal, Vice President, Pharmaceutical Discovery).
- 30 October 1995 "Molecular targets for and activity spectrum of antiviral agents" and "The potential of non-nucleoside reverse transcriptase inhibitors for the treatment of human immunodeficiency virus type 1 infections", Mitsubishi Chemical Corporation Yokohama Research Center, Kamoshida, Aoba-ku, Yokohama, Japan (host: Dr. M. Ubasawa, Research and Development Division).
- 1 November 1995 "New developments in the treatment of HIV infections", Division of Human Retroviruses, Center for Chronic Viral Diseases, Faculty of Medicine, Kagoshima University, Sakuragaoka, Kagoshima, Japan (host: Dr. Masanori Baba, Professor).
- 15 November 1995 "Targets and trends in antiviral chemotherapy", Biomedical Primate Research Centre (BPRC), Rijswijk, The Netherlands (host: Prof. Dr. B. Rosenwirth).
- 22 November 1995 "New perspectives for the chemotherapy of HIV infection", Institut für Pharmazeutische Chemie, Leopold-Franzens-Universität, Innsbruck, Austria (host: Prof. Dr. G. Heinisch, President, Österreichische Pharmazeutische Gesellschaft).
- 6-8 March 1996 Meeting of the Scientific Advisory Council, Abbott Laboratories, Abbott Park, Illinois, USA (host: Dr. A.S. Rosenthal, Divisional Vice President, Pharmaceutical Discovery).
- 18 March 1996 "Résistance aux antiviraux", Méthodes Expérimentales et Cliniques d'Évaluation des Agents Anti-infectieux", Module "Antiviraux" de l'Enseignement Approfondi, Faculté de Médecine, Université Bichat-Claude Bernard, Paris (hosts: Prof. Dr. C. Carbon, Médecine Interne, C.H.U. Bichat-Claude Bernard et Prof. Dr. F. Morinet, Service de Microbiologie, Hôpital Saint Louis, Paris).
- 17 April 1996 "Perspectives for antiviral chemotherapy", Discussions on the development of BVDU (Brivudin) as an antiviral drug, Menarini Ricerche Sud, Firenze, Italy (host: Prof. Dr. A. Giachetti, Director of Drug Discovery).

- 22 April 1996 “Perspectives for the chemotherapy of HIV infections”, Institut Català de la Salut, Hospital Universitari “Germans Trias i Pujol”, Badalona, Barcelona, Catalonia, Spain (host: Dr. B. Clotet/Dr. L. Ruiz, Retrovirology and HIV Unit).
- 24 April 1996 Discussions on the development of acyclic nucleoside phosphonates (i.e. HPMPC, cHPMPC, PMEA, PMEG, Bis(POM)PMEA, PMPA) for the treatment of DNA virus [i.e. herpes (HSV, VZV, CMV, ...) and papillomaviruses] and retrovirus (i.e. HIV) infections (hosts: Dr. J.C. Martin, Chief Executive Officer, and Dr. Norbert Bischofberger, Vice President Research, Gilead Sciences).
- 25 May 1996 “The development of anti-HIV agents”, Rational Drug Design Laboratories, 4-1-1 Misato, Matsukawa, Fukushima, Japan (host: Dr. Kiyoshi Okazaki, General Manager of Rational Drug Design Laboratories).
- 5 June 1996 “Development of new anti-HIV agents and strategies to cope with the HIV drug resistance problem”, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Buenos Aires, Argentina (host: Prof. Dr. Celia E. Coto, Laboratorio de Virología, Departamento de Química Biológica).
- 29 July 1996 Distinguished Biomedical Lecture on “New Developments in Anti-HIV Chemotherapy”, Madren Center, Medicinal Chemistry Symposium, Chemistry Department, Greenville Hospital System and Clemson University Biomedical Cooperative, Clemson, South Carolina, USA (host: Prof. Dr. J.D. Gangemi).
- 31 July 1996 Development of antiviral and anticancer agents, Scientific Advisory Board Meeting, Triangle Pharmaceuticals, Durham, North Carolina, USA (host: Dr. Phillip A. Furman, Vice President Research).
- 13 September 1996 “The art of antiviral drug development”, Gilead Sciences, Foster City, California, USA (host: Dr. J.C. Martin, President, Chief Executive Officer).
- 3-4 October 1996 Scientific Advisory Council Meeting, Abbott Laboratories, Illinois, USA (host: Dr. A.S. Rosenthal, Divisional Vice President, Pharmaceutical Discovery).
- 30 October 1996 “New developments in the search for an effective chemotherapy of HIV infections”, Departamento de Química Orgánica, Universidade de Santiago de Compostela, Santiago de Compostela, Spain (host: Prof. Dr. F. Fernandez-Gonzalez).
- 31 October 1996 “Therapeutic potential of acyclic nucleoside phosphonates as antiviral agents”, Departamento de Química Orgánica, Universidade de Santiago de Compostela, Santiago de Compostela, Spain (host: Prof. Dr. F. Fernandez-Gonzalez).
- 9 December 1996 Presentations on “Drugs for the Treatment of AIDS” to Vector Securities, Business Week, Furman Selz, Treatment Issues Newsletter, Edelman Public Relations, New York, NY, USA (host: Mariann L. Caprino, Vice-President of Edelman Healthcare Worldwide).
- 8 January 1997 Discussions on the development of anti-HIV agents (i.e. MKC-442) and treatment management for HIV disease, Scientific Advisory Board Meeting, Triangle Pharmaceuticals, Durham, North Carolina, USA (host: Dr. Phillip A. Furman, Vice President, Research).
- 15 January 1997 “Le traitement de l’infection à HIV: Nouvelles recherches et perspectives”, le Département des Maladies Infectieuses du Centre Hospitalier de Luxembourg, le Laboratoire de Rétrovirologie et le Centre de Recherche Public-Santé (hosts: Dr.

R. Hemmer, Dr. F. Schneider, Dr. V. Arendt, Dr. J.-C. Schmit, Dr.T. Staub, Dr. D. Hansen-Koening, Président du CRP-Santé).

- 6-7 March 1997 Infectious Diseases Research Scientific Advisory Council Meeting, Abbott Laboratories, Abbott Park, Illinois, USA (host: Dr. Alan S. Rosenthal, Vice President Pharmaceutical Discovery, Abbott).
- 9 April 1997 Discussions on the development of RPR-111423 for the treatment of cytomegalovirus (CMV) infections, Rhône-Poulenc Rorer Recherche-Développement, Advisory Meeting held in Atlanta, Georgia, USA (at the occasion of the Tenth International Conference on Antiviral Research, 6-11 April 1997).
- 23 April 1997 Perspectives for the therapy of retrovirus infections (“Perspectieven voor de therapie van retrovirusinfecties”).
Voorjaarsvergadering van de Nederlandse Vereniging voor Medische Microbiologie en de Nederlandse Vereniging voor Microbiologie, Werkgroep Klinische Virologie, Lunteren, Nederland (host: Dr. G.J.J. van Doornum, Gemeentelijke Geneeskundige en Gezondheidsdienst Amsterdam).
- 30 April 1997 “Antiviral chemotherapy: status and future development”, Rigshospitalet, Copenhagen, Denmark (host: Danish Society for Infectious Diseases and Janssen-Cilag, Dr. Henrik Abrahamsen, Product Manager).
- 6 May 1997 “New perspectives for the treatment of HIV infections”, Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic, Prague, Czech Republic (host: RN Dr. A. Holý, Dr. Sc., Director of the Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences).
- 7 May 1997 “Towards an effective chemotherapy of (DNA) virus infections”, Academy of Sciences, Society for Clinical Microbiology, Microbiological Society and Purkyne Society, Prague, Czech Republic (host: RN Dr. A. Holý, Dr.Sc., Director of the Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences).
- 27 May 1997 “New perspectives for the chemotherapy of AIDS”, College of Pharmacy, The University of Georgia, Athens, Georgia, USA (host: Prof. Dr. C.K. Chu, Professor of Medicinal Chemistry).
- 28 May 1997 Discussions on “Development of antiviral agents”, Scientific Advisory Board, Triangle Pharmaceuticals, Durham, North Carolina, USA (host: Prof. Dr. P.A. Furman, Vice President of Research and Chief Scientific Officer).
- 21 June 1997 “Discovery and therapeutic potential of Cidofovir”, European Symposium, Pharmacia & Upjohn (France), Roma, Italy (host: Dr. L. Lamezec, Chef de Groupe Anti-Infectieux, Pharmacia & Upjohn France).
- 16-17 July 1997 Research & Strategy Discussions, Grand Pow Wow, Gilead Sciences, Foster City, California, USA (host: Dr. Norbert Bischofberger, Vice President, Research).

- 29 July 1997 “New trends in the search for anti-HIV agents”, Discussions on new “non-nucleoside reverse transcriptase inhibitors (NNRTIs)” with Dr. Jong-Chan Son (Principal Research Scientist), Korea Research Institute of Chemical Technology (KRICT), Taejon, Korea (host: Dr. Chong-Kyo Lee, Principal Investigator, KRICT).
- 1 August 1997 “New opportunities in the development of antiviral agents”, Samsung Fine Chemicals, Daekyung Bldg., Taepyung-Ro, Chung-Ku, Seoul, Korea (hosts: Dr. Kwang Sik Park, General Manager Pharmaceutical Division and Dr. Young K. Park, President Samsung Fine Chemicals).
- 9 August 1997 AMD 3100 blocks HIV infection through interaction with the HIV coreceptor CXCR4 (fusin), Discussions on the development of anti-HIV and anticancer agents, AnorMED Scientific Advisory Board Meeting, Galiano Island, British Columbia (B.C.), Canada (hosts: M.J. Abrams, President, and G.W. Henson, Vice Executive President, AnorMED, Langley, B.C., Canada).
- 25 August 1997 Targets for anti-HIV agents (with particular emphasis on HIV-cell fusion, HIV reverse transcriptase and HIV protease), HIV Strategic Advisory Board Meeting, Agouron Pharmaceuticals, Chicago, Illinois, USA (host: Dr. Peter Johnson, Chief Executive Officer and President, Agouron Pharmaceuticals Inc.).
- 24 October 1997 “Perspectives for the chemotherapy of AIDS: Is there a cure at the horizon”, Lecture delivered at the Doctor honoris causa (Honorary Doctor) Award Ceremony, University of Athens, Greece (Promotor: Prof. N. Kolocouris, Professor of Pharmacy; Prof. G. Papaioannou, Head of the Department of Pharmacy; Prof. C.A. Dimopoulos, Rector of the University of Athens).
- 27 October 1997 “Ligt er met de nieuwe behandelingsmethoden een genezing van aids in het verschiet ? (Can the new treatment strategies lead to a cure from AIDS ?)”, Sectie Geneeskunde van de Koninklijke Nederlandse Akademie van Wetenschappen, Het Trippenhuis, Amsterdam, The Netherlands (host: Prof. Dr. R.S. Reneman, Voorzitter van de Afdeling Natuurkunde).
- 6-7 November 1997 Infectious Diseases Scientific Advisory Council Review, Pharmaceutical Products Division, Abbott Laboratories, meeting held in La Paloma, Tucson, Arizona, USA (host: Dr. J.J. Plattner, head of Abbott’s Infectious Disease Research Division).
- 27 November 1997 “Drug-resistant mutants”, lecture delivered at the Viral Hepatitis Peer Group Meeting on “Novel Treatments for Hepatitis”, Royal College of Physicians, London, England (host: Prof. Arie Zuckerman, Dean of the Royal Free Hospital School of Medicine).
- 1-2 December 1997 Research aspects for viral diseases, Workshop Infectious Diseases, Research Novartis Pharma AG, Basel, Switzerland (hosts: Dr. Reto Naef, Unit Head Basel Research, and Dr. Anis Mir, Head Research Planning).
- 14 December 1997 Scientific Advisory Board Meeting (Triangle Pharmaceuticals, Inc.) held at Mauna Lani, Kona, Big Island, Hawaii, USA (hosts: Dr. P.A. Furman, Vice President Research and Chief Scientific Officer, and Dr. D.W. Barry, Chairman and Chief Executive Officer, Triangle Pharmaceuticals, Inc.).
- 10 March 1998 The 1998 Sir Henry Hallett Dale Memorial (Burroughs Wellcome Fund) Lecture “Antiviral drug discovery and development”, The John Hopkins University School of Medicine, Baltimore, Maryland, USA (host: Prof. Dr. Paul S. Lietman, Wellcome Professor of Clinical Pharmacology and Director of the Division of Clinical Pharmacology).

- 11 March 1998 “Bicyclams (i.e. AMD 3100): inhibition of HIV replication through interference with the interaction of HIV with its coreceptor CXCR4 (fusin)”, The John Hopkins University School of Medicine, Baltimore, Maryland, USA (host: Prof. Dr. Paul S. Lietman, Wellcome Professor of Clinical Pharmacology and Director of the Division of Clinical Pharmacology).
- 3 April 1998 “Inhibitory effects of cidofovir (HPMPC, Vistide®) on the development of hemangiomas and hemangiosarcomas in rats and mice”, and discussions on the development of adefovir (PMEA) and aproovir (PMPA) for the treatment of HIV and HBV infections, Gilead Sciences, Foster City, California, USA (hosts: Dr. N. Bischofberger, Senior Vice President Research, and Dr. J.C. Martin, Chief Executive Officer, Gilead Sciences).
- 4 April 1998 “New developments in antiviral drug research”, LXR Biotechnology Inc., Richmond, California, USA (host: Dr. D.H. Picker, President and Chief Operating Officer of LXR Biotechnology Inc.).
- 8 April 1998 Discussions on the potential use of NNRTIs (non-nucleoside reverse transcriptase inhibitors) for the treatment of HIV infections, Chiron Technologies, Emeryville, California, USA (meeting held in San Diego) (host: Dr. P. Olson, Vice President, Project Management & Planning, Chiron Corporation).
- 15 April 1998 “New developments in the treatment of HIV infections”, Biochemisches Institut der Universität Zurich, Department of Pharmacy ETH Zurich, Zurich, Switzerland (hosts: Prof. Dr. M. Nonella, President, Chemischen Gesellschaft, and Prof. Dr. G. Folkers, Head of the Department of Pharmacy, ETH Zurich).
- 16 April 1998 “New developments in the treatment of HIV infections”, Croatian Academy of Sciences and Arts, Zagreb, Croatia (hosts: Prof. Dr. M. Mintas, Faculty of Chemical Engineering and Technology, University of Zagreb, and Prof. Dr. I. Padovan, President of the Croatian Academy of Sciences and Arts).
- 30 April 1998 Chimiothérapie antivirale (Antiviral chemotherapy), Cours de Virologie Systématique, Centre d’Enseignement de l’Institut Pasteur, Paris, France (host: Dr. J.-D. Poveda, Directeur adjoint du Centre de Biologie Médicale Spécialisée, Institut Pasteur).
- 27 May 1998 Discussions on current and future trends in antiviral chemotherapy and the implications for development of virus-drug resistance, BioMérieux Medical Direction, Marcy-L’Etoile, Venissieux, Lyon, France (host: Dr. S. Lafont, Medical Director).
- 12 June 1998 Discussions and presentations on new drugs and strategies for the treatment of HIV and HBV infections, Scientific Advisory Board Meeting, Triangle Pharmaceuticals, Durham, North Carolina (host: Dr. P.A. Furman, Vice President Research).
- 1 July 1998 What will the epidemiological situation for HIV infection be in 2005 ? Future therapeutic standards. Advisory Review Meeting on HIV Therapeutic Vaccines. Pasteur Mérieux Connaught, Geneva, Switzerland (hosts: Prof. Dr. S. Plotkin, Chairman, formerly Medical and Scientific Director, and Dr. R. El Habib, HIV Project Leader at Pasteur Mérieux Connaught).

- 20 July 1998 “New trends in the development of anti-HIV agents”, Department of Pharmaceutics and Pharmaceutical Chemistry, College of Pharmacy, The University of Utah, Salt Lake City, Utah, USA (hosts: Prof. Dr. A.-H. Ghanem and Prof. Dr. William I. Higuchi, head of the Department of Pharmaceutics and Pharmaceutical Chemistry).
- 14 August 1998 “Development of bicyclams as anti-HIV drugs”, AnorMed Scientific Advisory Board Meeting, Edgewater Lodge, Whistler, B.C., Canada (hosts: Dr. M.J. Abrams, President, CEO, and Dr. G.J. Henson, COO, AnorMed).
- 2 September 1998 Round table panel discussion on novel HIV therapies designed to eradicate residual reservoirs of HIV infected cells in patients under HAART (highly active antiretroviral therapy), New York City, New York, USA (host: Hoechst Marion Roussel Project Management, Frankfurt am Main, Deutschland GmbH).
- 4 September 1998 “New developments in the search for effective anti-HIV chemotherapy”, Frontiers in Antiviral and Anticancer Research, Symposium to honor Professor William H. Prusoff, Yale University School of Medicine, New Haven, Connecticut (host: Prof. Dr. Yung-chi Cheng, Henry Bronson Professor of Pharmacology, Yale University).
- 21 October 1998 “Perspectives en chimiothérapie antivirale”, Encéphalites infectieuses de l’immunodéprimé, Sixième Journée de Pathologie Infectieuse et Tropicale de Paris Nord, Paris, France (host: Dr. Yves Cohen, Centre de Recherche en Pathologie Infectieuse et Tropicale, Hopitaux Avicenne - Jean Verdier, Bobigny, France).
- 26 October 1998 “New perspectives for the chemotherapy of HIV infection”, National Yang-Ming University, Taipei, Taiwan, Republic of China (host: Prof. Wu-Tse Liu).
- 27 October 1998 “New strategies for the chemotherapy of cancer”, National Health Research Institutes (NHRI), Taipei, Taiwan, Republic of China (host: Dr. Ming-Chu Hsu, Director of Biotechnology and Pharmaceutical Research, NHRI).
- 27 October 1998 Round table discussion on the development of anti-HIV, antiHBV, and anti-cancer agents, Institute of Biomedical Sciences (IBMS), Academia Sinica, Taipei, Taiwan, Republic of China (hosts: Dr. Kenneth K. Wu, Director, and Dr. Tsann-Long Su, Deputy Director, IBMS).
- 28 October 1998 Discussion on the preclinical development of antiviral agents, Development Center for Biotechnology (DCB), Taipei, Taiwan, Republic of China (hosts: Dr. Weichen Tien, President, and Dr. Shou-Hsiung Pai, Vice President, DCB).
- 28 October 1998 “New perspectives for the chemotherapy of HBV infections”, National Taiwan University Hospital, Hepatitis Research Center, Department of Internal Medicine, National Taiwan University (hosts: Prof. Ding-Shinn Chen and Prof. Pei Jer Chen).
- 10 December 1998 Discussions on the development of new antiviral, including anti-HIV, agents, School of Chemistry and Biochemistry, Georgia Institute of Technology, Atlanta, Georgia, USA (hosts: Prof. Dr. Katherine Seley, Prof. Dr. Stewart Schneller and Prof. Dr. Leon Zalkow).
- 12 December 1998 Discussions on the development of new antiviral, including anti-HIV and anti-HBV, agents, Triangle Pharmaceuticals, Inc., Scientific Advisory Board (SAB) Meeting, St. Thomas, Virgin Islands, USA (host: Dr. Phillip A. Furman, Chief Scientific Officer, Vice-President Research, Triangle Pharmaceuticals).

- 17 February 1999 Discussions on the development of MKC-442 (Emivirine, Coactinon™) as an anti-HIV drug, Pharmaceuticals and Diagnostics, Mitsubishi Chemical Corporation, Tennoz Central Tower, Shinagawa-ku, Tokyo, Japan (hosts: Dr. Takehiro Takagi, General Manager Business Development, and Dr. Kenichiro Nakao, General Manager, Licensing and Planning, International Operations Department, Mitsubishi Chemical Corporation).
- 18 February 1999 Discussions on the development of HIV-cell fusion inhibitors such as T22 ([Tyr^{5,12}, Lys⁷]-polyphemusin II), Tokyo Medical and Dental University School of Medicine, Bunkyo-ku, Tokyo, Japan (host: Prof. Dr. Naoki Yamamoto).
- 18 February 1999 “New developments in anti-HIV chemotherapy”, AminoScience Laboratories, Process Research and Development, Ajinomoto Co., Inc., Suzuki-cho, Kawasaki-ku, Kawasaki, Japan (host: Dr. Kunisuke Izawa, General Manager, Process and Development, Ajinomoto).
- 7 May 1999 Discussions and assistance at the thesis defense (Dr. Sciences) of S. Barthélémy on “Conception de dérivés phénoliques symétriques conjugués: synthèse et étude de l’activité sur des pathologies impliquant le stress oxydant”, Université Paul Sabatier, Toulouse, France (Chairman of the Jury: Prof. Armand Lattes; Promoter: Prof. Serge Labidalle).
- 13 May 1999 “Molecular targets and compounds for anti-HIV therapy, with special emphasis on reverse transcriptase and protease inhibitors” in the scope of a graduate course on “Medicinal Chemistry: Drug Design and Development”, Department of Chemistry, University of Patras, Patras, Greece (hosts: Prof. Dr. Dionissios Papaioannou and Prof. Dr. John Matsoukas).
- 25-27 May 1999 Pharmaceutical Discovery Scientific Advisory Council Meeting, Abbott Laboratories, Abbott Park, Illinois, USA (hosts: Dr. Daniel W. Norbeck, Vice President Pharmaceutical Discovery and Dr. Alan S. Rosenthal, Vice President Pharmaceutical Discovery and Scientific Affairs, Abbott).
- 21 June 1999 “New perspectives for the treatment of HIV infections”, Specialty Laboratories, Santa Monica, Los Angeles, California, USA (host: Dr. James B. Peter, Chairman of Specialty Laboratories).
- 22 June 1999 Scientific Advisory Board Meeting, Triangle Pharmaceuticals, meeting held at the Rancho Bernardo Inn, San Diego, California, USA (host: Dr. Phillip A. Furman, Chief Scientific Officer, Triangle Pharmaceuticals).
- 3 July 1999 Brivudin Expert Meeting, Discussion on the development of brivudin (BVDU) as antiviral drug for the treatment of herpes zoster in immunocompetent individuals, Berlin-Chemie, Menarini, Rome, Italy (host: Dr. R. Brinkman, Brivudin-Team, Berlin-Chemie).
- 13 July 1999 Discussions on antiviral potential of iminosugars (i.e. N-nonyl-deoxy-nojirimycin), for the treatment of HBV and HCV infections, Synergy Pharmaceuticals, Inc./Oxford Glycobiology Institute, Oxford, United Kingdom (host: Prof. Dr. R.A. Dwek, Director, Oxford Glycobiology Institute).
- 21, 22 July 1999 Annual Scientific Pow Wow meeting, Gilead Sciences, Foster City, California, USA (host: Dr. N. Bischofberger, Senior Vice-President Research, Gilead Sciences).
- 29 July 1999 Scientific Advisory Board Meeting, AnorMED, Langley, British Columbia, Canada (host: Dr. Michael Abrams, President and Chief Executive Officer, AnorMED).

- 5 November 1999 “Antiviral Drug Strategies”, Plenary Lecture presented at the Consejo Superior de Investigaciones Científicas at the occasion of the 25th Anniversary of the Instituto de Química Médica, Madrid, Spain (hosts: Dra. M^a T. Garcia López, Directora del Instituto de Química Médica, and Dr. César Nombela Cano, Presidente del Consejo Superior de Investigaciones Científicas).
- 15-17 November 1999 Scientific Advisory Council Meeting, Abbott Laboratories, Abbott Park, Illinois, USA (host: Dr. Daniel W. Norbeck, Vice-President, Pharmaceutical Discovery, Abbott Laboratories).
- 10 December 1999 Informal Scientific Advisory Board meeting, Triangle Pharmaceuticals (Durham, NC), Kapalua, Maui, Hawaii, USA (hosts: Dr. P.A. Furman, Vice President Research and Dr. D.W. Barry, Chairman and Chief Executive Officer, Triangle Pharmaceuticals).
- 13 December 1999 Discussions on the preclinical and early clinical development of anti-HIV agents, AIDS ReSearch Alliance, West Hollywood, California, USA (hosts: Dr. Andrew Korotzer, Director of Scientific Communications, Dr. Stephen J. Brown, Director of Clinical Research, and Gregory S. Britt, Chief Executive Officer, AIDS ReSearch Alliance).
- 6-7 January 2000 Program Committee Meeting, planning of the 13th International Conference on Antiviral Research, Baltimore, Maryland, USA, to be held on 16-21 April 2000, Baltimore, Maryland, USA.
- 14 April 2000 Foreign Jury Member, Public Thesis Defense of Wilco Keulen “Evolution of drug-resistant HIV-1 variants”, University of Utrecht [Universitair Medisch Centrum (UMC)], Utrecht, The Netherlands (hosts: Prof. J. Verhoef, Dr. C.A.B. Boucher, Dr. B. Berkhout, promoters).
- 19 April 2000 Discussions on *in vitro* and *in vivo* models for assessing antiviral activity of novel fatty acid conjugates, Protarga, Inc., Conshohocken, Pennsylvania, USA (host: Dr. Charles Swindell, Senior Vice President, Research & Development, Protarga).
- 19-20 July 2000 Discussions on the development of antivirals, anti-cancer agents and anti-infectives, The Annual Grand Pow Wow meeting of Gilead Sciences, Foster City, California, USA (host: Dr. N. Bischofberger, Senior Vice-President Research, Gilead Sciences).
- 27 July 2000 Discussions, Annual Scientific Advisory Board Meeting, AnorMED Inc., Langley, British Columbia, Canada (host: Dr. M. Abrams, President and Chief Executive Officer, AnorMED).
- 8 September 2000 Discussions on the development of HCV (hepatitis C virus) and HIV integrase inhibitors, Gilead Sciences, Foster City, California, USA (hosts: Dr. Max Hensley, Vice President for Intellectual Property and Dr. Bill Lee, Vice President of Research and Pharmaceutical Development).
- 21 September 2000 “A crusade for drugs to conquer viruses: a personal reflection”, at the occasion of the proclamation of doctor honoris in Pharmacy, University of Ferrary, Italy (hosts: Il Rettore, Prof. F. Conconi, Il Preside de Facolta, Prof. J.P. Pollini, and Professors S. Manfredini and P.G. Baraldi).

- 23 October 2000 "The history of Brivudin", Brivudin Meeting, Berlin-Chemie, Menarini Group (hosts: Mr. H. Nelde, Prof. A. Giachetti, Dr. B. Stubinski, Berlin-Chemie AG).
- 6-9 November 2000 Northern Arizona University (NAU), Department of Chemistry, Flagstaff, Arizona, USA.
Burroughs Wellcome Visiting Professor in the Microbiological Sciences, Burroughs Wellcome Foundation, administered by the American Society of Microbiology.
- 6 November 2000 "Highlights in development of antiviral agents", CHM 152 class (Prof. Dr. H. Gunderson) presentation, Room 224, Chemistry Building.
"Antiviral agents: from chemistry to biology and medicine", CHM 235 (Prof. Dr. E. Civitello) presentation, Room 225, Chemistry Building.
Minicourse # 1 "The chemotherapy of herpes virus infections" (Prof. Dr. P.F. Torrence), Room 130, Biology-Biochemistry Building.
- 7 November 2000 "Antiviral activity of thymidine analogues: brivudin, stavudine", CHM 235 (Prof. Dr. J. MacDonald) presentation, Room 130, Biology-Biochemistry Building.
"Antiviral activity of acyclic nucleoside phosphonates", CHM 151 (Prof. Dr. J. Wettaw) presentation, Room 225, Chemistry Building.
"Discovery of NNRTIs (non-nucleoside reverse transcriptase inhibitors)" as anti-HIV agents, CHM 151 (Prof. Dr. J. Wettaw) presentation, Room 225, Chemistry Building.
"Discovery of bicyclams as anti-HIV agents acting through blocking of CXCR4, the co-receptor for HIV entry into cells", CHM 151 (Prof. Dr. W. Hildebrandt) presentation, Room 225, Chemistry Building.
Minicourse # 2A "The chemotherapy of influenza virus infection" (Prof. Dr. P.F. Torrence), Room 130, Biology-Biochemistry Building.
Minicourse # 2B "The chemotherapy of hepatitis B infection" (Prof. Dr. P.F. Torrence), Room 130, Biology-Biochemistry Building.
- 8 November 2000 "Combined gene therapy/chemotherapy for treatment of cancer" (Dr. D. Stearns), Room 106
"Bromovinyldeoxyuridine in the treatment of HSV-1 and VZV infections", CHM 152 (Dr. C. Hartzell), Room 224, Chemistry Building.
"Nucleoside and non-nucleoside analogues as anti-HIV agents", CHM 151 (Dr. B. Cruickshank), Room 123, Liberal Arts Building (IITV course).
"Reverse transcriptase as target for anti-HIV agents", CHM 151 (Dr. B. Cruickshank), Room 130, Biology-Biochemistry Building.
"Thymidylate synthetase as target for antitumor agents", CHM 238 (Prof. Dr. P.F. Torrence), Room 224, Chemistry Building.
Minicourse # 3 "Molecular targets for chemotherapy of human immunodeficiency virus (HIV) infection" (Prof. Dr. P.F. Torrence).
Lecture s"Chemotherapy of human immunodeficiency virus (HIV) infection" (Prof. Dr. P.F. Torrence), Room 130, Biology-Biochemistry Building.
- 9 November 2000 Seminar "Acyclic nucleoside phosphonates as antiviral and antitumor agents" (Prof. Dr. P.F. Torrence), Room 130, Biology-Biochemistry Building.
- 14 December 2000 Scientific discussions on antiviral research, ISAR (International Society for Antiviral Research) Leadership Retreat, Reston, Virginia, USA (host: Leaders of the International Society for Antiviral Research).
- 14 December 2000 Program Committee Meeting, planning of the 14th International Conference on Antiviral Research, Reston, Virginia, USA, to be held on 8-12 April 2001, Seattle, Washington, USA.

- 3 February 2001 “New developments in the chemotherapy of HIV infections and AIDS”, Chiba Institute of Technology, Department of Industrial Chemistry, Chiba, Japan (host: Prof. Dr. Hiroshi Takaku).
- 4 February 2001 “The dawn of antiviral chemotherapy: the Leuven-Fukushima connection”, Ceremonial meeting in honor of Professor Shiro Shigeta at his election to President of Fukushima Medical University, Fukushima, Japan (hosts: Prof. M. Baba, Kagoshima University; Prof. M. Ito, Yamanishi University; and Prof. K. Takahashi, Fukushima Medical College).
- 5 February 2001 “New developments in the chemotherapy of HIV infections”, AIDS Research Center, National Institute of Infectious Diseases, Toyama, Shinjuku-ku, Tokyo, Japan (host: Prof. Dr. Yoshiyuki Nagai, Director, AIDS Research Center).
- 22 March 2001 “Recent developments in anti-HIV chemotherapy”, Medical Lecture Series, sponsored jointly by the Department of Internal Medicine and the Department of Chemistry, University of Iowa, Iowa City, Iowa, USA (host: Prof. Dr. Vasu Nair, University of Iowa Foundation Distinguished Professor).
- 29 April 2001 Research on antiviral therapy, Infectious Disease Therapeutic Area (IDTA), Antiviral Preclinical Research Advisory Meeting, Novartis, Vienna, Austria (host: Dr. Neil S. Ryder, Programme Head Novartis Forschungsinstitut GmbH).
- 19-20 June 2001 Introductory presentations on antivirals against herpes- and hepatitisviruses and discussions on antivirals (against herpesvirus, respiratory viruses, human immunodeficiency virus, hepatitis B virus and hepatitis C virus). Antiviral Meeting to evaluate current and future trends in viral diseases, AstraZeneca, Shrigley Park, Nr Macclesfield, Cheshire, United Kingdom (host: Dr. Keith Williams, Global Product Director, AstraZeneca).
- 18-19 July 2001 Annual Scientific Advisors (POW-HOW) Meeting, Gilead Sciences, Foster City, California, USA (hosts: John C. Martin, Chief Executive Officer, and Norbert Bischofberger, Senior Vice President).
- 27 July 2001 Scientific Advisory Board Meeting, AnorMED (Langley, British Columbia, Canada), held at Semiahmoo Resort, Blaine, Washington (USA) [hosts: AnorMED executive team (Dr. M. Abrams, Dr. G. Henson, Dr. G. Bridger)].
- 15 November 2001 Charting Pathways to Future Infectious Disease Treatment Therapies, Infectious Disease Expert Summit Meeting, Novartis, O’Hare, Chicago, Illinois, USA (host: Dr. Stephan A. Billstein, Executive Director, Novartis Pharmaceutical Corporation).
- 3 December 2001 Discussions on the potential usefulness of bicyclic (furopyrimidine) nucleoside analogues (BCNAs) in the treatment of varicella-zoster virus (VZV) infections, Berlin-Chemie AG (Menarini), Berlin, Germany (host: Dr. B. Stubinski, Berlin-Chemie).
- 5-6 December 2001 Program Committee Meeting of the 15th International Conference on Antiviral Research (Prague, Czech Republic, 17-21 March 2002), Hyatt Regency Reston, Virginia, USA.

- 6 February 2002 Discussion on candidate anti-HIV microbicides. NIH (National Institutes of Health) FY 2004 Plan for HIV-Related Research, Microbicides Research Area of Emphasis, Crystal City Hilton, Virginia, USA (chair: Dr. Fulvia di Marzo Veronese, Office of AIDS Research, Office of the Director, National Institutes of Health).
- 24-25 July 2002 Discussions on the development of antiviral drugs, Annual Scientific Advisory Board Meeting, Gilead Sciences, Inc., Foster City, California, USA (host: Dr. John C. Martin, President and Chief Executive Officer, and Dr. Norbert Bischofberger, Executive Vice President, Gilead Sciences, Inc.)
- 26 July 2002 Discussions on the development of bicyclam derivatives as clinically effective drugs for multiple indications, AnorMED Inc. Annual Scientific Advisory Board Meeting, Langley, British Columbia, Canada (host: M.J. Abrams, President and Chief Executive Officer of AnorMED Inc.).
- 27 August 2002 Expert Advice on “Future directions in HIV therapy”, UBS Warburg, London, UK (host: Dr. Andrew Kocen, European Pharmaceutical Research, UBS Warburg).
- 27 May 2003 Anti-HIV (AIDS) therapies: targets and approaches, Dottorato di Ricerca in Scienze Farmaceutiche, Dipartimento Farmacochimico Tossicologico e Biologico, Università degli Studi di Palermo, Palermo, Sicily, Italy (hosts: Prof. Dr. Girolamo Cirrincione and Prof. Dr. Anna Maria Almerico).
- 28 May 2003 Anti-HIV (AIDS) therapies: targets and approaches, Dottorato di Ricerca in Scienze Farmaceutiche, Dipartimento Farmaco-Chimico Facoltà di Farmacia, Università degli Studi di Messina, Messina, Sicily, Italy (host: Prof. Dr. Alba Chimirri).
- 29 May 2003 Anti-HIV (AIDS) therapies: targets and approaches, Dottorato di Ricerca in Scienze Farmaceutiche, Facoltà di Farmacia, Università degli Studi di Catania, Catania, Sicily, Italy (host: Prof. Dr. Giuseppe Ronsisvalle).
- 18-19 June 2003 “Current status of antivirals development”, presented at a special brainstorming meeting on “Smallpox: Transforming Biological Information into New Therapies” at the National Academies of the United States, Washington DC, USA (host: Dr. Bruce Alberts, President of the National Academy of Sciences, USA).
- 10 July 2003 Discussion on “European Vigilance Network for the Management of Antiviral Drug Resistance (viRgil)”, Network of Excellence, Institut National de la Santé et de la Recherche Médicale (INSERM), Paris, France (host: Prof. Fabien Zoulim, INSERM-Lyon).
- 24 July 2003 Discussions on the development of bicyclam derivatives as clinically effective drugs for multiple indications, AnorMED Inc. Annual Scientific Advisory Board Meeting, Langley, British Columbia, Canada (host: M.J. Abrams, President, and Dr. G.J. Bridger, Vice President Research, AnorMED Inc.).
- 28-31 July 2003 Scientific Advisory Board Meeting, discussions on the development of antiviral agents, Gilead, Foster City, California, USA (host: Dr. J.A. Martin, Chief Executive Officer and President, and Dr. N. Bischofberger, Executive Vice President, Research and Development).

- 3 November 2003 Discussant, Novartis Foundation Discussion Meeting on “Drugs for Developing World Diseases: Translating New Molecular Targets into Candidates for Development”, Novartis Foundation, London, United Kingdom (Chairman: Prof. Trevor Jones, Association of the British Pharmaceutical Industry).
- 12 December 2003 Attendance of Sir Thomas Smith’s Feast, Queens College, Cambridge, United Kingdom (hosts: Dr. Hugh Field and Dr. Murray Milgate, Fellows of Queens College).
- 15 December 2003 “New anti-HIV drug developments”, Second Workshop on Antiviral Modified Nucleosides, Auditorium della Gazzetta del Sud, Messina, Italy (hosts: Prof. G. Romeo, Università degli Studi di Messina and Dott. Piero Ortega, Fondazione Bonino-Pulejo).
- 16 June 2004 Discussion of scientific research projects, Z-Cube Scientific Advisory Board meeting, Grand Hotel Eden, Lugano, Switzerland [hosts: Dr. Claudio Semeraro, Executive Director and Dr. Roberto Rettani, President, Z-Cube (Zambon Group)].
- 22 July 2004 AnorMED Inc. Annual Scientific Advisory Board Meeting, Langley, British Columbia, Canada (hosts: M.J. Abrams, President, and Dr. G.J. Bridger, Vice President Research, AnorMED Inc.).
- 27-28 July 2004 Gilead Scientific Advisory Board Meeting, Gilead, Foster City, California, USA. Discussion of Research and Development Programs (hosts: J.C. Martin, President and Chief Executive Officer; N. Bischofberger, Executive Vice President Research & Development; William Lee, Senior Vice President Research).
- 26 August 2004 Discussions on the development of new antiviral agents, Anacor Pharmaceuticals, Palo Alto, California, USA (hosts: Dr. Jake Plattner, Vice-President, and Dr. David Perry, Chief Executive Officer).
- 27 August 2004 “Interferon (inducers): a never-ending story”, lecture delivered at the occasion of the Festschrift honoring Thomas C. Merigan, Bridging Generations Toward an Understanding of Infectious Disease Pathogenesis, Clark Center for Biomedical Engineering and Sciences, Stanford University School of Medicine, Stanford, California, USA.
- 13 October 2004 Z-Cube (Zambon Group) Scientific Advisory Board Meeting, Grand Hotel Eden, Lugano, Switzerland (Chairman: Prof. Dr. Renato Dulbecco; host: Dr. Claudio Semeraro).
- 20 October 2004 Lecture and discussions on “Antivirals and antiviral strategies”, Clavis Pharma, Oslo, Norway (hosts: Dr. Finn Myhren, Dr. Marit Liland Sandvold and Dr. Tom Pike, Chief Executive Officer).
- 6 November 2004 Participant in the capacity of Editor of Antiviral Research, Elsevier Editors’ Conference on “Partnerships for Quality Science”, Elsevier, Valparaiso Palace Hotel, Majorca, Spain (Conference Chairman: Prof. Peter van der Vliet, Editor-in-Chief of *Biochimica Biophysica Acta*).
- 18 November 2004 BioVitas Scientific Advisory Board (SAB) Meeting, Hotel Principe di Savoia, Milan, Italy (host: Gabriele M. Cerrone, Chairman BioVitas Capital, New York, USA).

- 20-21 November 2004 Discussions, Advisory Board Meeting, Institute of Organic Chemistry and Biochemistry (IOCB), Academy of Sciences of the Czech Republic, Prague, Czech Republic (host: Dr. Zdenek Havlas, Director, IOCB).
- 22 November 2004 "The acyclic nucleoside phosphonates (ANPs): past, present and future", Institute of Organic Chemistry and Biochemistry (IOCB), Academy of Sciences of the Czech Republic, Prague, Czech Republic (host: Prof. Dr. Anthonin Holý, Former Director, IOCB).
- 5 May 2005 Z-Cube (Zambon Group) Scientific Advisory Board Meeting, Grand Hotel Eden, Lugano, Switzerland (Chairman: Prof. Dr. Renato Dulbecco; host: Dr. Claudio Semeraro).
- 11 July 2005 Scientific discussions, Scientific Advisory Board Meeting, Fermavir Research, Inc., New York, New York, USA (host: Dr. G. Henson, Chief Executive Officer, Fermavir Research).
- 26-27 July 2005 Gilead Scientific Advisory Board Meeting, Gilead, Foster City, California, USA. Discussion of Research and Development Programs (hosts: N. Bischofberger, Executive Vice President Research & Development; and Dr. W.A. Lee, Senior Vice President Research).
- 9 September 2005 BioVitas Scientific Advisory Board (SAB) Meeting, Hotel D'Inghilterra, Rome, Italy (host: Gabriele M. Cerrone, Chairman BioVitas Capital, Rome, Italy, and New York, USA).
- 26 October 2005 Z-Cube (Zambon Group) Scientific Advisory Board Meeting, Grand Hotel Eden, Lugano, Switzerland (Chairman: Prof. Dr. Renato Dulbecco; host: Dr. Claudio Semeraro).
- 9 November 2005 "Antiviral drugs and antiviral strategies", Shandong University, Jinan, P.R. China (hosts: Prof. Xinyong Liu, Dean of the Department of Organic Chemistry, and Prof. Yun Zhang, Vice-President, Shandong University, Jinan, P.R. China).
- 9 November 2005 "Antiviral drugs for the treatment of HIV infections (AIDS)", Shandong University, Jinan, P.R. China (hosts: Prof. Xinyong Liu, Dean of the Department of Organic Chemistry, and Prof. Yun Zhang, Vice-President, Shandong University, Jinan, P.R. China).
- 10 November 2005 "Antiviral drugs for the treatment of hepatitis B and C", Shandong University, Jinan, P.R. China (hosts: Prof. Xinyong Liu, Dean of the Department of Organic Chemistry, and Prof. Yun Zhang, Vice-President, Shandong University, Jinan, P.R. China).
- 11 November 2005 "Antiviral drugs and antiviral strategies", Institute of Materia Medica, Chinese Academy of Medical Sciences, Beijing, P.R. China (hosts: Prof. Wu Song, Deputy Director, Institute of Materia Medica, and Prof. Du Guanhua, President, Institute of Materia Medica, Beijing, P.R. China).
- 16 November 2005 Scientific discussions collaborations between Rega Institute (K.U.Leuven) and Institute of Organic Chemistry and Biochemistry (IOCB), Czech Academy of Sciences, Praha, Czech Republic (hosts: Prof. A. Holý, Prof. Z. Havlas, Director IOCB, and Prof. Václav Pačes, President of Czech Academy of Sciences).

- 12 December 2005 4AZA Bioscience Scientific Advisory Board (SAB) Meeting, Berkenhof Bierbeek, Belgium (host: Dr. Mark de Boer, Chief Executive Officer, 4AZA Bioscience).
- 13-14 December 2005 Science meeting prior to Meeting of the Board of Directors, FermaVir, New York, New York, USA (host: Dr. Geoffrey Henson, Chief Executive Officer, FermaVir Pharmaceuticals).
- 3 February 2006 Antiviral agents against avian influenza virus H5N1 (Agenti antivirali contro il virus H5N1), Fondazione Bonino-Pulejo (Messina), Università degli Studi di Messina, Sicily, Italy [hosts: Prof. Dr. Giovanni Romeo (Università di Messina) and Dr. Piero Orteca (Fondazione Bonino-Pulejo, Messina)].
- 16 March 2006 Scientific Advisory Board (SAB) Meeting, Fermavir Pharmaceuticals Inc., New York, New York, USA (host: Dr. G.W. Henson, Chief Executive Officer, Fermavir Pharmaceutical Inc.).
- 13 July 2006 Establishment of New Academic Research Center, Gilead Sciences and Institute of Organic Chemistry and Biochemistry (IOCB), in Prague, Czech Republic. Donation by Gilead in honor of Dr. Antonin Holý (host: Prof. Vaclav Pačes, President, Academy of Sciences, Czech Republic).
- 14 July 2006 “Bridging chemistry to HIV, HBV, HCV, papilloma-, adeno-, herpes-, and poxvirus infections: the phosphonate bridge”. Theoretical Institutes of Faculty of Medicine, Palacky University, Olomouc, Czech Republic (hosts: Prof. A. Holý and Prof. Marian Hajdich, head of Laboratory of Experimental Medicine, Department of Pediatrics, Faculty of Medicine).
- 25-26 July 2006 Scientific Advisory Board (SAB) Meeting, Gilead Sciences, Foster City, California, USA (hosts: J.C. Martin, President and Chief Executive Officer, N. Bischofberger, Executive Vice President Research and Development, and W.A. Lee, Senior Vice-President Research).
- 26 July 2006 “The (first) years of wisdom”, Board Dinner Lecture delivered at the Gilead Sciences Board of Directors, Scientific Advisors and Operating Group, Foster City, California, USA.
- 1 September 2006 “At Professor Antonin Holý’s Memorable 70th birthday, 30 years of Holý nomics”, Prague, Czech Republic. Lecture delivered at the occasion of the celebration of the 70th birthday of Antonin Holý (hosts: Prof. Vaclav Pačes,, President of Czech Academy of Sciences, and Prof. Zdenek Havlas, Director of the Institute of Organic Chemistry and Biochemistry).
- 28 September 2006 Z-Cube (Zambon Group) Scientific Advisory Board Meeting, Grand Hotel Eden, Lugano, Switzerland (host: Dr. Claudio Semeraro, Executive Director Z-Cube).
- 8 March 2007 Lecture presented at the occasion on being awarded the degree of doctor honoris causa of Charles University in Prague (Universitas Carolina Pragensis), Czech Republic.

Lectures at National Conferences, Symposia and Universities

- 25 February 1972 "Carcinogenesis door RNA tumor virussen", Katholieke Universiteit Leuven (openbare les voor het bekomen van de graad van "Geaggregeerde voor het Hoger Onderwijs in de Geneeskunde").
- 16 January,
6 February,
5 June 1974 Seminarie Cyclus over "Moleculair werkingsmechanisme van oncogene en cytolytische virussen - Mechanisme van inductie van interferon. Rol van de plasmamembraan in het werkingsmechanisme van interferon", aan de Katholieke Universiteit Leuven, Afdeling Kortrijk (Interdisciplinair Research Centrum).
- 14 January 1975 "New trends in interferon research", Institut Jules Bordet, Université Libre de Bruxelles (op uitnodiging van Dr. F. Lejeune).
- 22-25 September
1976 "Structuur en vermenigvuldiging van virussen", Postgraduaat Onderwijs Internisten, Katholieke Universiteit Leuven.
- 24 March 1977 "Mechanism of interferon induction", Laboratorium voor Moleculaire Biologie, Faculteit der Wetenschappen, Rijksuniversiteit Gent (op uitnodiging van Prof. Dr. W. Fiers).
- 24 May 1977 "Antiviral activity of novel nucleoside analogs", Departement van Scheikunde, Faculteit der Wetenschappen, Katholieke Universiteit Leuven (op uitnodiging van Prof. Dr. G. Hoornaert & Prof. Dr. G. L'abbé).
- 27 May 1977 "Antiviral activity of novel nucleoside analogs", Pasteur Instituut, Brussel (op uitnodiging van Dr. L. Thiry & Dr. J. Content).
- 4 March 1978 "Chemotherapie van virusziekten", Symposium betreffende de Pathogenese en Therapie van Virusziekten, Centrum voor Hoger Onderwijs, Werkgroep Geneeskunde, Nascholing Specialisten en Omnipracticci, Brugge.
- 16 December 1978 "New trends in antiviral chemotherapy", 107th Meeting of the Belgian Society of Biochemistry, Liège (Sart-Tilman).
- 5 December 1979 "Antivirale chemotherapie", Janssen Research Foundation, Beerse (Centrum voor Regionaal Post-Universitair Medisch Onderwijs).
- 26-27 January 1980 "Chemotherapie van virusziekten", Geneeskundige Dagen Virologie van het Meetjesland, Nascholingsgroep "Hippocrates", Kaprijke (Lembeke).
- 7 October 1980 "Interferon en nieuwe antivirale pharmaca", Medische Kring "Eskulaap", O.L. Vrouw Ziekenhuis, Aalst.
- 5 December 1980 "Antivirale therapie anno 1980", Geneeskundige Kring van het Waasland, Sint-Niklaas (op uitnodiging van Janssen Research Foundation).
- 11 December 1980 "Therapeutische mogelijkheden in de behandeling van herpes encephalitis", Dienst Neurologie en Neurochirurgie, Academisch Ziekenhuis St. Rafaël, Leuven (op uitnodiging van Dr. H. Carton & Prof. R. Van den Bergh).
- 8 January 1981 "Antivirale werking van nucleoside analoga", Biomedische Voordrachten (Gasthuisberg), Faculteit Geneeskunde, Katholieke Universiteit Leuven.

- 10 March 1981 "Nieuwe mogelijkheden in de antivirale chemotherapie", Afdeling Kindergeneeskunde, Akademisch Ziekenhuis, Rijksuniversiteit Gent (op uitnodiging van Prof. Dr. M.J. Delbeke).
- 3 September 1981 "Virostatica", Medische Kring Tessenderlo (op uitnodiging van Janssen Research Foundation).
- 19 September 1981 "Antivirale chemotherapie", Aanwinsten op het gebied van de virale aandoeningen, Geneeskundige Dagen van Antwerpen [op uitnodiging van de Koninklijke Geneeskundige Kring van Antwerpen (voorzitter : Dr. G. Helderweirt)].
- 5 December 1981 "Antiviral chemotherapy", Vergadering Contactgroep Transplantatie (Nationaal Fonds voor Wetenschappelijk Onderzoek), Rega Instituut, Katholieke Universiteit Leuven (op uitnodiging van Prof. Dr. M. Vandeputte).
- 13 February 1982 "Moleculaire genetica", Lessencyclus over Menselijke Genetica, Centrum voor Hoger Onderwijs, Werkgroep Geneeskunde, Katholieke Universiteit Leuven, Campus Kortrijk (op uitnodiging van Prof. Dr. H. Verresen).
- 15 February 1983 "Huidige stand van de antivirale chemotherapie", St. Jans-colloquia voor Huisartsen, St. Janshospitaal, Brugge.
- 19 April 1983 "Genen, virussen en kanker", Medische Eenheidskring Dendermonde, Stadhuis, Dendermonde.
- 2 February 1984 "Behandeling van herpesvirus infecties", Kliniek voor Huidziekten, Akademisch Ziekenhuis, Rijksuniversiteit Gent (op uitnodiging van Prof. Dr. A. Kint).
- 25 October 1984 "Nieuwe antivirale middelen", Twaalfde Internistendagen van Leuven, Centrum voor Postgraduaat Onderwijs in de Interne Geneeskunde, Campus Gasthuisberg, Leuven.
- 15 December 1984 "Herpesinfecties van de mondholte", Symposium over Infecties van Hoofd en Hals, Postgraduate Training Centre for Mouth, Head & Neck Pathology, Congrespaleis, Brussel (op uitnodiging van Dr. Cl. De Lathouwer en Prof. D. van Steenberghe).
- 14 December 1985 "Infections bucco-faciales du virus de l'herpès simplex : approches thérapeutiques", Cours organisé par la Société Francophone Belge de Médecine Dentaire, Hôpital Erasme, Université Libre de Bruxelles.
- 5 February 1986 "Recent developments in antiviral chemotherapy", Studiecentrum voor Kernenergie/Centre d'Etude de l'Energie Nucléaire (S.C.K./C.E.N.), Biology Department, Mol (op uitnodiging van Dr. L. Baugnet-Mahieu en Dr. J.R. Maisin, Head of the Biology Department).
- 28 June 1986 "Selectieve antivirale activiteit van bromovinyldoxyuridine tegenover herpesvirusinfecties", Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën (op uitnodiging van Prof. Dr. A. Lacquet, Vaste Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 5 November 1986 "Nieuwe aanwinsten in de antivirale chemotherapie (New developments in antiviral chemotherapy)", Janssen Pharmaceutica, Beerse (op uitnodiging van Dr. P.A.J. Janssen, President and Director of Research of Janssen Pharmaceutica).

- 12 November 1986 "Chimiothérapie antivirale", Séminaires de Pathologie Infectieuse, Institut Jules Bordet, Université Libre de Bruxelles (sous patronage des Professeurs A. Dachy, J. Klastersky, L. Thiry et E. Yourassowsky).
- 19 March 1987 "New nucleoside and nucleotide analogues as antiviral agents", Colloques de Biochimie, Université Catholique de Louvain, Louvain-La-Neuve (hosts : Dr. E. Sonveaux, Prof. Dr. L. Ghosez and Prof. Dr. R.R. Crichton).
- 3 April 1987 "Chemotherapy of AIDS", Belgische Vereniging der Artsen van de Farmaceutische Industrie/Association Belge des Médecins de l'Industrie Pharmaceutique, Brussel (op uitnodiging van Dr. H. Pintens, Ondervoorzitter, and Dr. D. Dubois, Voorzitter).
- 19 December 1987 "De therapeutische benadering van AIDS (Acquired Immune Deficiency Syndrome)", Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. A. Lacquet, Vaste Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 16 February 1988 "AIDS : is een behandeling in het verschiet ?", Dertiende Universitaire Lessenreeks voor de Derde Leeftijd, Katholieke Universiteit Leuven Campus Kortrijk (op uitnodiging van Mgr. G. Maertens, Rector K.U.Leuven Campus Kortrijk).
- 9 March 1988 "Données récentes sur les traitements antiviraux du SIDA", Clinique des Maladies Infectieuses, Département de Médecine Interne, Hôpital Saint-Pierre, Université Libre de Bruxelles (à l'invitation du Dr. N. Clumeck, Chef de la Clinique des Maladies Infectieuses).
- 9 May 1988 "Therapeutische perspectieven voor AIDS", Nationaal Fonds voor Wetenschappelijk Onderzoek, Brussel (op uitnodiging van P. De Valkeneer, BRT, België).
- 17 May 1988 "AIDS", Gastcollege gehouden aan de Katholieke Universiteit Leuven Campus Kortrijk.
- 28 November 1988 "Overzicht van de beschikbare anti-HIV middelen", Co-chairman van Workshop "Klinische research en behandeling", Eerste Nationaal AIDS Symposium, Congrespaleis, Brussel.
- 28 April 1989 "New aspects of AIDS research", Symposium on New Therapeutic Developments in Human Infectious Diseases (organized by the Department of Pharmaceutical Sciences of the University of Antwerp), UIA Campus, Antwerpen.
- 30 September 1989 "Nieuwe aanwinsten in de behandeling van virale infecties", Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. A. Lacquet, Vaste Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 22 February 1990 "Virale infecties in de tandheelkundige praktijk", Postgraduaat Onderwijs in de Tandheelkunde, Academisch Ziekenhuis St. Rafaël, Leuven (op uitnodiging van Prof. Dr. F. Vinckier).
- 30 March 1990 - "Nieuwe aanwinsten in het onderzoek naar anti-AIDS middelen" (invited lecture).
- Moderator van het Symposium (invited) "Recente Biotechnologische Aanwinsten en hun Toepassingen in de Farmaceutische Industrie", Hoger Instituut Sint-Lieven, Gent.

- 8 May 1990 "Antivirale Chemotherapie", Studiedag van de Nederlandstalige Vereniging van Belgische Ziekenhuisapothekers (in samenwerking met Smith Kline-RIT), Château du Lac, Genval.
- 31 October 1990 "AIDS", Vergadering Rotary Club Aalst.
- 28 November 1990 "Perspectieven voor antivirale behandeling van AIDS" (plenaire lezing), Derde Nationaal AIDS Symposium (Troisième Symposium National sur le Sida), Congress Palace, Brussels.
- 29 January 1991 "Onderzoek naar antivirale middelen tegen AIDS", Cursus over "HIV en AIDS: de Klinische Aanpak" georganiseerd door het AIDS Referentiecentrum Antwerpen, Instituut voor Tropische Geneeskunde, Antwerpen.
- January-March 1991 Binnenlandse Francqui Leerstoel (1990-1991), Faculteiten Geneeskunde en Farmaceutische Wetenschappen, Universiteit Antwerpen, reeks voordrachten met als algemene titel "Antivirale Chemotherapie":
- 28 January Inaugurale les: "Waarom en welke virusinfecties behandelen?".
- 30 January "Pathogenese van de virusinfecties".
- "Virale replicatiemechanismen".
- 4 February "Structuur en functie van het viraal genoom (prototype: AIDS-virus)".
- 11 February "Doelwit-enzymen voor antivirale chemotherapie".
- 20 February "Klinisch gebruik van antivirale middelen".
- 25 February "Resistentie tegenover antivirale middelen".
- 4 March "Ontwikkeling van nieuwe antivirale strategieën".
- 21 February 1991 "Virale infecties in de tandheelkundige praktijk", Postgraduaat Onderwijs in de Tandheelkunde, Academisch Ziekenhuis St. Rafaël, Leuven (op uitnodiging van Prof. Dr. F. Vinckier).
- 21 December 1991 "Nieuwe perspectieven voor de chemotherapie en chemoprophylaxis van AIDS (Acquired Immune Deficiency Syndrome)", Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. A. Lacquet, Vaste Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 4 January 1993 "Perspectieven voor de behandeling van AIDS", Vergadering Fifty-One Club Leuven (op uitnodiging van Dr. J. Van Calster, Biotest Seralc N.V.).
- 24 March 1993 "Waarheen met het onderzoek naar anti-HIV middelen?", voordracht gehouden bij het bezoek van Hare Majesteit, Koningin Fabiola van België, aan het Rega Instituut, K.U.Leuven.
- 10 September 1993 "Mechanisme van anti-AIDS stoffen", Seminarie Farmacologie, Dr. Paul Janssen Stichting (Tilburg, Nederland), Priory Corsendonk, Oud-Turnhout.
- 26 October 1993 Voorzitter, zitting "EBV (Epstein-Barr Virus): Diagnostic Developments" Symposium, Breda, Nederland (op uitnodiging van Dr. J. Van Calster, General Manager Biotest Seralc Benelux).
- 19 March 1994 "Recent developments in anti-HIV chemotherapy" (plenary lecture), 5de Forum Belgisch Genootschap voor Farmaceutische Wetenschappen (BGFW), Société Belge des Sciences Pharmaceutiques, Floreal Club, Blankenberge (op uitnodiging van Prof. Dr. Y. Michotte, voorzitter BGFW).

- 30 April 1994 "In Memoriam Professor Emeritus Dr. Hubert Vanderhaeghe", Lofrede uitgesproken voor de Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. A. Lacquet, Vaste Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 18 November 1994 "Strategieën van farmacotherapie bij AIDS", Geneesmiddelenonderzoek op een Kruispunt van Oude en Nieuwe Wegen, Symposium ter gelegenheid van het emeritaat van Prof. P.J. De Schepper, Afdeling Farmacologie, Faculteit Geneeskunde, Katholieke Universiteit Leuven.
- 28 October 1995 "Cidofovir (HPMPC, Vistide™) in de therapeutische benadering van DNA virus (o.a. herpes-, papova-, pok- en adenovirus) infecties", Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. M. Bogaert, Vaste Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 30 November 1995 Debat over de Aidsproblematiek, Aula Pieter De Somer, Leuven (op uitnodiging van Medica, Fakulteitskring voor de Geneeskunde-studenten van de K.U.Leuven).
- 2 May 1996 "Antivirale middelen in de oftalmologie", Postgraduaat Onderwijs Oftalmologie, Faculteit Geneeskunde, Katholieke Universiteit Leuven (op uitnodiging van Prof. Dr. M.J. Tassignon, Dienst Oogheelkunde, Universitair Ziekenhuis Antwerpen).
- 24 September 1996 "Recent development in the chemotherapy of AIDS", Département des Sciences Pharmaceutiques, Université Catholique de Louvain (UCL, Woluwe, Brussels) (op uitnodiging van Prof. Dr. Paul M. Tulkens, head, Unité de Pharmacologie Cellulaire et Moléculaire).
- 19 October 1996 "Zoektocht naar anti-HIV middelen", Tweede KVCV Congres, Koninklijke Vlaamse Chemische Vereniging, over "Chemie van Vandaag voor de Mens van Morgen", Sencie Instituut Leuven (op uitnodiging van Dr. L. Van Meervelt & Prof. H. Beernaert, Voorzitter van de Koninklijke Vlaamse Chemische Vereniging).
- 28 November 1996 "Nieuwe therapieën in de behandeling van AIDS", Wegwijs in de Biologische en Medische Wetenschappen, Postuniversitair Centrum West-Vlaanderen, K.U.Leuven Campus Kortrijk (op uitnodiging van Prof. Dr. M. Joniau, Rector K.U.Leuven Campus Kortrijk).
- 20 March 1997 "Kunnen nieuwe therapeutische strategieën leiden tot genezing van AIDS". Voordracht gehouden in de rand van de Dies Natalis (Uitreiking van Eredocoraten) aan de Universiteit Gent (op uitnodiging van Prof. J. Willems, Rector van de Universiteit Gent).
- 20 September 1997 "Role of valaciclovir in the context of other antiviral compounds, in the treatment of herpes zoster and other herpes virus infections", Symposium on "Reducing the Burden of Zoster Associated Pain", Résidence Palace, Brussel (host: GlaxoWellcome).
- 27 September 1997 "Nieuwe perspectieven voor de behandeling van AIDS", Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. M. Bogaert, Vast Secretaris van de Koninklijke Academie voor Geneeskunde van België).

- 4 October 1997 “Nieuwe antivirale middelen: doorbraak en problemen”, Therapiedag, “AIDS en Andere Seksueel Overdraagbare Aandoeningen: Stand Van Zaken in Vlaanderen; Uw Verantwoordelijkheid”, Vereniging van de Geneesheren-Alumni van de Leuvense Universiteit, FarmaLeuven en Alumni Lovanienses, Campus Gasthuisberg, Leuven (op uitnodiging van Prof. Dr. M. Verstraete, Voorzitter van de Vereniging van de Geneesheren-Alumni van de Leuvense Universiteit).
- 8 December 1997 “Antiviral chemotherapy at the Rega Institute: How it all started and evolved”, voordracht gehouden bij het bezoek van Sir Richard Sykes, Chairman & Chief Executive of Glaxo Wellcome plc, aan het Rega Instituut, K.U.Leuven.
- 15 January 1998 “New developments in anti-HIV drug research”, Centre Hospitalier Universitaire de Liège, Sart Tilman, Liège (host: Dr. Michel Moutschen, Médecine Interne on behalf of the Leon Frederic Foundation).
- 14 February 1998 “De zoektocht naar een effectieve behandeling van AIDS”, Geneeskundig Onderwijs aan de K.U.Leuven: kliniek en onderzoek, Infodag Biomedische Wetenschappen K.U.Leuven, Gasthuisberg, Leuven.
- 7 December 1998 “Discovery of anti-HIV drugs at the Rega Institute”, voordracht gehouden ter gelegenheid van de bijeenkomst van ENVA (European Network for the Virological evaluation of international trials for new Anti-HIV therapies), Leuven (7-8 December 1998).
- 27 March 1999 “Flavivirussen (Hepatitis C, Dengue koorts)” (De Clercq, E. & Neyts, J.), Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. M. Bogaert, Vast Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 9 October 1999 Academische lezing “Re(tro)flexions on Prof. Dr. Jan Desmyter, a Man for all Seasons”, voordracht gehouden ter gelegenheid van emeritaatsviering van Prof. Dr. J. Desmyter, Universiteitshal, Katholieke Universiteit Leuven.
- 30 September 2000 “Behandeling van HPV (“human papilloma virus”) infecties”, Koninklijke Academie voor Geneeskunde van België, Paleis der Academiën, Brussel (op uitnodiging van Prof. Dr. M. Bogaert, Vast Secretaris van de Koninklijke Academie voor Geneeskunde van België).
- 22 November 2001 “Cidofovir in de strijd tegen een bioterroristische aanval met pokken (variola virus)”, Symposium over Bio-terreur (Bioterrorism), Universitaire Instelling Antwerpen.
- 26 August 2002 “Vaccinatie tegen polio: zin of onzin ?” (Vaccination against polio, sense or non-sense ?), Rotary Club Dendermonde (host: Dr. L. Van Garsse).
- 12 November 2002 Discussions on Launching of Viread® (Tenofovir disoproxil fumarate) for the treatment of AIDS, Viread® Advisory Board Belgium and Luxembourg meeting, UCB Pharma, Brussels.
- 2 December 2002 “Treatment of HIV infections: general principles”.
“Tenofovir in the treatment of HIV infections”.
Training Days on TDF (Tenofovir disoproxil fumarate), UCB (Union Chimique Belge) group, Thermae Palace, Ostend, Belgium.

- February-April 2003 Chaire Francqui (2002-2003) au titre belge, Faculté de Médecine, Université Catholique de Louvain (UCL), subject: "Antiviral Drugs and Discoveries in Medicine".
- 6 February Leçon inaugurale: "Drug discovery and development: the bicyclam story or how to go from antiviral therapy to many other worlds".
- 13 February "Anti-herpesvirus therapies: basic strategies and applications".
- 20 February "Anti-HIV (AIDS) therapies: targets and approaches".
- 27 February "Antiviral action of acyclic nucleoside phosphonates: basic principles".
- 6 March "Basic approaches towards the therapy of hepatitis C".
- 13 March "Viruses as bioweapons, and how to cope with them".
- 20 March "Cidofovir: clinical applications".
- 27 March "Treatment of viral respiratory infections".
- 3 April "Treatment of hepatitis B virus (HBV) infections".
- 24 April "State of the treatment of HIV infections (AIDS)".
- 25 February 2003 Adefovir dipivoxil (Hepsera®) in the treatment of hepatitis B, Belgian Hepatitis B Advisory Board meeting, UCB Pharma, Brussels.
- 17 May 2003 Lecture on "Nucleotide analogues: Tenofovir" and Chairman of Conference on "Treatment of HIV: Today and Tomorrow", Gilead/UCB Pharma, 't Elzenveld, Antwerp, Belgium.
- 14-15 June 2003 Participant Symposium Clinical Considerations and Choices in Current HIV Practice, Merck Sharp & Dohme (Mr. Werner Cabooter & Dr. Mohamed Machwate), Brugge, Belgium.
- 31 January 2004 Laudatio Professor M. Joniau, emeritus, ter gelegenheid van Lichtmisviering, Katholieke Universiteit Leuven Campus Kortrijk (Campusrector: Prof. Dr. P. Vanden Abeele).
- 20 March 2004 "The discovery of the acyclic nucleoside phosphonates: a brief history", UCB Pharma, Hepsera Launch Symposium, Hotel "La Réserve", Knokke, Belgium.
- 19 March 2005 "Beschikbare antivirale middelen (tegen influenza)", Themavergadering over "De volgende griepandemie: een bijzondere dreiging of niet?", Koninklijke Academie voor Geneeskunde van België (op uitnodiging van het Academiebestuur, Prof. Dr. D. Brutsaert, Voorzitter).
- 21 March 2005 "On the discovery and therapeutic applications of acyclic nucleoside phosphonates as antiviral agents", Voordracht gehouden samen met Prof. A. Holý in de rand van de Dies Natalis (Uitreiking van Eredoctoraten) aan de Universiteit Gent (op uitnodiging van Prof. Dr. S. Van Calenbergh, Faculteit Farmaceutische Wetenschappen, Universiteit Gent).
- 22 December 2005 Deelname vergadering UCB Pharma "Nieuwe mogelijkheden in HIV-behandeling", Kasteel Diependael [Zemst (Elewijt)], UCB Pharma.
- 28 March 2006 "Virale infecties en antivirale middelen", Universiteit Derde Leeftijd Leuven, Leuven (op uitnodiging van Prof. Emma Vorlat, Voorzitter Universiteit Derde Leeftijd Leuven, vzw).
- 3 September 2006 Introductory lecture to Intensive Programme (IP) on EU Socrates 'Education and Culture' Course: Solving challenges during contemporary drug discovery and development: How to combat virus infections, Leuven (3-14 September 2006).

8 September 2006 Brivudin (BVDU) in the treatment of varicella-zoster virus (VZV) infections.
Presented at the Menarini Workshop on Herpes Zoster, Brussels (host: Menarini
Benelux SA).