## 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 thiophosphatesubstituted 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

Conference Antiviral Chemotherapy, Sandoz on 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  $(\underline{S})$ -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.

" $(\underline{E})$ -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, Augenklinik - Albert Ludwigs Universität, Freiburg, Federal Republic of Germany, 12-14 April, 1980.

"On the mechanism of anti-herpes action of  $\underline{E}$ -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 ( $\underline{E}$ )-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 ( $\underline{E}$ )-5-(2-bromovinyl)-2'-deoxyuridine" (invited lecture).
- Introductory Remarks to Symposium on "Antiherpes Chemotherapy" (invited lecture).

- "Therapeutic potentials of BVDU [ $(\underline{E})$ -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 <u>E</u>-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,

"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

Thirteenth International Congress of Chemotherapy, Vienna, Austria, 28 August-

1983

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 [ $(\underline{E})$ -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).

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).

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

Seventienth 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).

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. Pfleiderer).

"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

Nineth 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 Biochemisry, 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 Hightlights 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, Switzer-land, 5-8 March 1989.

- "Chemotherapeutic approaches towards virus infections" (invited lecture).
- Chairman of Symposium on "Virology" (invited).

# March-April

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 Laboratorium-artsen, van de Werkgemeenschap "Microbiële Pathogenese" en de Stichting Kwaliteitsbewaking Medische Microbiologie, De Blije Werelt, Lunteren, The Netherlands, 16-17 May "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 "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). Ninth International Round Table on Nucleosides, Nucleotides & their Biological July-August 1990 Applications, Uppsala, Sweden, 30 July - 3 August 1990. "Antiviral activity spectrum of nucleoside and nucleotide analogues" (invited plenary lecture). The Amsterdam International Medical Summer School on "Recent Advances in July-August Immunology and Infectious Diseases", Faculty of Medicine, University of 1990 Amsterdam, Amsterdam, The Netherlands, 16 July - 10 August 1990. "State of the art of antiviral treatment" (invited lecture). Eighth International Congress of Virology, Berlin, Germany, 26-31 August 1990. 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).

XVes Journées d'Orléans "Virus et Rétrovirus: Perspectives Thérapeutiques",

Université d'Orléans, Orléans-La Source, France, 29-30 November 1990.

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 Progamme 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 Consuma, 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).

X Summer Courses, III European Courses, Cursos de Verano en San Sebastian, September 1991 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).

> Meeting on "Combination Therapics 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 therapics" (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).

Fifth International Conference on Antiviral Research, Vancouver, British March 1992 Columbia, Canada, 8-13 March 1992.

Welcome remarks.

November 1991

- "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 "Multidisci-plinary 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 [Assocation 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.

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-

Annual (1995) Meeting of the Laboratory of Tumor Cell Biology (Dr. R.C. Gallo),

September 1995

National Cancer Institute, 27 August-2 September 1995, Bethesda, Maryland, USA.

"In search of the ideal drug candidate among the thiocarboxanilide class of nonnucleoside 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).

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<sup>TM</sup>) for the treatment of herpesand 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 Bioquimica 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.

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 zür 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 Journés 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, 11<sup>th</sup> International Conference on Antiviral Research, San Diego, California, USA (5-10 April 1998), Washington DC, USA, 27 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 (ECHPV), 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

Nineth 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.

"Bicvclams: 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 12<sup>th</sup> 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

"New perspectives for the chemotherapy of HIV infections" (plenary invited lecture).

March 1999

EUR $\Omega$  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, 143<sup>rd</sup> Meeting of the Society for General Microbiology (SGM), The University of Edinburgh, Scotland, United Kingdom, 12-16 April 1999.

"New developments in anti-herpres agents" (invited lecture).

May 1999

V Congreso Nacional de Quimioterapia, Sociedad Espanola 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 Bioquimica Industrial, Associan Argentina de Farmacia y Bioquimica Industrial (SAFYBI), Buenos Aires, Argentina, 14-19 June 1999.

"Nuevas perspectivas para el tratamiento de infecciones HIV: Está proxima 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 21<sup>st</sup> Century" (invited keynote lecture).

December 1999

Recent Developments in the Discovery of Biologically Active Natural Products, joint 4<sup>th</sup> Annual Convention of the Natural Products Society of the Philippines and 21<sup>st</sup> 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 Krayer 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 XXXVIIèmes 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).

XIVth World Congress of Pharmacology, San Francisco, California, USA, 7-12 July 2002 July 2002.

- Symposium on "New Developments in Antiviral Agents" (Chairman: Erik De
- "Acyclic nucleoside phosphonates" (invited lecture).

August 2002 The 224th ACS (American Chemical Society) National Meeting, Division of Medicinal Chemistry Symposium on "Non-HIV Antivirals", 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).

Fifteenth International Round Table on Nucleosides, Nucleotides and Nucleic September 2002 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).

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).

September 2002

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 Symposum (13<sup>th</sup> Annual Meeting of the Japanese Association of Antiviral Chemotherapy and 2<sup>nd</sup> 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: Antimcrobials, 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.

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 Universitá 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 Societa Italiana di Microbiologia Farmaceutica), Catania, Sicily, Italy, 28-30 May 2004.

"New antiviral (anti-HIV) compounds" (invited plenary lecture)

June 2004

13<sup>th</sup> 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).

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-"Antiviral drug development: where chemistry meets 14 April 2005. 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).

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 (8<sup>th</sup>) 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 XIXIth 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 Colloquim "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 21<sup>st</sup> 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).

April-May 2007

Twentieth International Conference on Antiviral Research (ICAR), Palm Springs, California, USA, 29 April-3 May 2007..

- Editorial Board Meeting of Antiviral Research.
- Directory Board Meeting of the International Society of Antiviral Research (ISAR).
- Program Committee, Nomination Committee, Finance Committee, Publications Committee and Conference Committee meetings of ISAR.

June 2007

TRIOH Fourth General Assembly and Open Symposium. Targeting Replication and Integration of HIV (in collaboration with the Belgian Society of Biochemistry and Molecular Biology), Convent van Chièvres, Groot Begijnhof, Leuven, Belgium, 11-12 June 2007.

"Acyclic nucleoside phosphonates as antiviral agents" (invited lecture).

October-November 2007 Eighth International Symposium on NeuroVirology, 30 October-2 November 2007, San Diego, California, USA.

"In search of antivirals for the treatment of neurovirus infections" (invited plenary lecture).

February 2008

First International Conference on Drug Design and Discovery, Dubai, United Arab Emirates (UAE), 4-7 February 2008.

- Organizing Secretary of the section on Drugs for Infectious Diseases
- "Current drugs for the treatment of HIV infection (AIDS). Role of acyclic nucleoside phosphonates" (invited plenary lecture).
- Chairman of Section on New Drugs for Infectious Diseases (invited).

April 2008

Twenty-first International Conference on Antiviral Research (ICAR), Montreal, Quebec, Canada, 13-17 April 2008.

- Editorial Board Meeting of Antiviral Research.
- Program Committee, Nomination Committee, Finance Committee, Publications Committee and Conference Committee meetings of ISAR.

May 2008

European Patent Forum 2008 and European Inventor of the Year 2008 (organized by the European Patent Office (EPO)), Grand Hotel Union, Ljubljana, Slovenia, 6-7 May 2008.

Participant (invited).

May 2008

Fifteenth International Symposium on HIV and Emerging Infectious Diseases (15<sup>th</sup> ISHEID), Toulon, France, 28-30 May 2008.

- Pre-exposure prophylaxis for HIV infection (invited lecture).
- Chairman Poster Discussion session.

June 2008

The 4<sup>th</sup> SINO-US Chemistry Professors Conference (The 4<sup>th</sup> SINO-US Symposium on Organic Chemsitry, Peking University Health Science Center, Peking University, Beijing, P.R. China, 12-13 June 2008.

"Antiviral activity of acyclic and cyclic nucleoside phosphonates" (invited lecture).

June 2008

Sixth International Conference on HHV-6 & 7, Baltimore, Maryland, USA, 19 June-22 June 2008.

- Chairman of session on Treatment(s) (invited).
- Participant of panel discussion on Treatment(s) (invited).

July 2008

International Conference "Drug Design and Discovery for Developing Countries" International Centre for Science and High Technology (ICS), United Nations Industrial Development Organization (UNIDO)], Trieste, Italy, 3-5 July 2008. "Antiviral drugs for AIDS: Current state of the art" (keynote lecture, invited).

August 2008

Fourteenth International Congress of Virology, Istanbul, Turkey, 10-15 August

- "Antiviral drugs with special emphasis on anti-HIV compounds" (invited lecture).
- Chairman of Symposium on Antiviral Drugs (invited).

August 2008

Sixth European Conference of European Society for Infectious Diseases in Obstestrics and Gynaecology, Leuven, Belgium, 28-31 August 2008. "Present and future of antiretrovirals" (invited lecture).

September 2008

XXI. Biochemický sjezd (21<sup>st</sup> Biochemistry Congress), České Budéjovice, Czech Republic, 14-17 September 2008 "Antiviral activity of acyclic and cyclic nucleoside phosphonates" (invited lecture).

October 2008

Annual Meeting of the Dutch Pharmacological Society, Dutch Medicine Days, Lunteren, The Netherlands, 7-9 October 2008. "The path to drug discovery: the AMD 3100 story" (2008 Ariëns Lecture, 7 October 2008, invited).

March 2009

First UK Drug Discovery Consortium (UK DDC) Symposium "21st Century Drug Discovery: a New Approach", The Royal College of Physicians, Regent's Park, London, United Kingdom, 11 March 2009. "Discovery of the acyclic nucleoside phosphonates cidofovir, adefovir and tenofovir as antiviral drugs" (keynote lecture).

2009

August-September NITD Conference on Dengue 2009, Novartis Institute for Tropical Diseases, Manila, Edsa Shangri-La Hotel, The Philippines, 31 August-4 September 2009. "Dengue in the perspective of other global virus infections. Anno 2009" (keynote plenary lecture, invited).

September 2009

Twelfth Annual ESCV (European Society for Clinical Virology) Meeting, Istanbul, Turkey, 27-30 September 2009. "Antiviral activity of acyclic and cyclic nucleoside phosphonates" (invited conference lecture).

November 2009

23<sup>rd</sup> Annual Meeting of the Japanese Society for AIDS Research, Nagoya, Japan, 26-28 November 2009.

"State of the art on anti-HIV chemotherapy" (invited keynote lecture) (host: Takashi Okamoto, Professor and Chairman, Department of Molecular and Cellular Biology, Nagoya City University Graduate School of Medical Sciences).

December 2009

British Pharmacological Society Winter Meeting (Symposium on "Chemokine antagonists as therapeutic agents"), Queen Elizabeth II Conference Centre, London, United Kingdom, 15-17 December 2009.

April 2010

International Liver Congress 2010, 45<sup>th</sup> Annual Meeting of the European Association for the Study of Liver, Vienna, Austria, 14-18 April 2010.

"Tenofovir disoproxil fumarate (TDF) in the treatment of chronic hepatitis B" (lecture prepared; presented on 17 April 2010 by Dr. Norbert Bischofberger (Senior Vice President and Chief Scientific Officer, Gilead Sciences).

April-May 2010

Centennial Retrovirus Meeting, Institute of Molecular Genetics, Prague, Czech Republic, 29 April-4 May 2010.

- "Prospects of anti-HIV therapy" (invited lecture).
- Chairman of Session "Anti-viral strategies: drugs and vaccines" (invited).

June 2010

Third International Meeting on Pharmacy and Pharmaceutical Sciences, Faculty of Pharmacy, Marmara University, Istanbul, Turkey, 9-12 June 2010. "The antiviral drug era: Half a century after the synthesis of the first antiviral drug" [invited plenary (inaugural) lecture].

August-September 2010

International Round Table (IRT) on Nucleosides, Nucleotides and Nucleic Acids, Lyon, France, 29 August-3 September 2010.

"The paths to the discovery of antivirally active nucleoside and nucleotide analogues" (Montgomery Award Lecture).

September 2010

Dr. Paul Janssen Award for Biomedical Research, Ronald Reagan Building, Washington DC, USA, 7, 8 September 2010. Interview, Acceptance speech, Panel discussion.

September 2010

Dr. Paul Janssen Award for Biomedical Research, Janssen Pharmaceutica, Beerse, Belgium, 9 September 2010.

Press Conference, Keynote address, Recollection Dr. Paul Janssen's legacy.

November 2010

Antivirals Congress, Celebrating 30 Years of the Journal Antiviral Research, Amsterdam, The Netherlands, 7-9 November 2010.

- Chairman of the Congress
- Session Chair of the Opening Session & Plenary Session 1 Setting the scene (planned).
- Anniversary lecture "A thirty year journey with the journal Antiviral Research: how it started and evolved" (invited lecture) (read by Floris de Hon).

September 2011

XV International Congress of Virology, Sapporo, Hokkaido, Japan, 11-16 September 2011. Convener, Antiviral Drugs.

September 2011

International Meeting "Chemokines and Chemokine Receptors in Cancer: Role of Microenvironment", Istituto Nazionale Tumori, Fondazione Pascale, Naples, Italy, 26-27 September 2011.

- Chairperson of Session "Chemokine and Chemokine Receptors Moduluation".
- Invited lecture on "CXCR4 antagonist AMD3100".

January 2012

International Research Training Group (IRTG). International Meeting on "HIV and associated infectious diseases" (organized by the students of Würzburg), Rudolf Virchow Center, University of Würzburg, Würzburg, Germany, 19-20 January 2012.

"Therapy and prophylaxis of HIV infection" (invited lecture).

March 2012

Symposium on Viruses and Antiviral Therapy (in honor of Dr. Hugh J. Field), Queen's College, Cambridge, United Kingdom, 23 March 2012. "Development of selective anti-herpesvirus agents" (invited lecture).

April 2012

International Society for Antiviral Research and Japanese Association for Antiviral Therapy, Twenty-fifth International Conference on Antiviral Research (ICAR), Sapporo, Japan, 16-19 April 2012.

"Successes and failures in antiviral drug development: a personal account", 25<sup>th</sup> Anniversary Lecture (invited).

June 2012

Participation Wilton Park Meeting "The new era on HIV/AIDS treatment and prevention: science, implementation and finance", Geneva (Jiva Hill Park Hotel, Crozet, France), 27-28 June 2012.

September 2012

15<sup>th</sup> Annual Meeting of the European Society for Clinical Virology (ESCV), Madrid, Spain, 4-6 September 2012. "New antivirals: tenofovir" (keynote lecture) (scheduled).

October 2012

110<sup>th</sup> Autumn Meeting of the Korean Chemical Society, Busan, South Korea, 18 October 2012.

"A 40 year-journey in search of selective antiviral chemotherapy" (invited lecture).

January 2013

Fourth Christophe Mérieux Conference on "Trends in Virology", Fondation Mérieux Conference Center, Les Pensières, Veyrier du Lac, France, 27-29 January 2013.

"Drug combination therapy for HIV infections (AIDS)" (invited lecture).

May 2013

26<sup>th</sup> International Conference on Antiviral Research (ICAR), San Francisco, CA, USA, 11-15 May 2013.

"Personal Note on the Contribution and Legacy of Tony Holý". Symposium on Legacy of Tony Holý: Nucleotides in the treatment and prevention of chronic viral infections (invited lecture).

September 2013

15th Blue Danube Symposium on Heterocyclic Chemistry, Olomouc, Czech Republic, 1-5 September 2013.

"The acyclic nucleoside phosphonates (ANPs): Antonín Holý's legacy" (invited lecture).

November 2013

The 4<sup>th</sup> CPA-RSC Symposium on Medicinal Chemistry: Epigenetics as Targets for Drug Discovery [hosts: Chinese Pharmaceutical Association (CPA) and Royal Society of Chemistry (RSC)], Jinan, P.R. China, 2-3 November 2013. "Current antiviral drug development" (invited lecture).

December 2013

International Symposium on Prevention and Control of Viral Diseases, Korea Research Institute of Chemical Technology (KRICT), Daejeon, Korea, 12 December 2013.

"Current antiviral drug development" (plenary lecture).

July 2014

"Virology in the last 4 decades: Breakthroughs and Benefits" (Conference in honor of A.D.M.E. Osterhaus), WTC (World Trade Center), Rotterdam, The Netherlands, 2 July 2014.

"Antiviral treatment of chronic viral diseases" (invited lecture).