

## CURRICULUM VITAE

NAME: Thomas A. Luger, M.D.  
CURRENT ADDRESS: Langemarckstr. 64, D-48147 Münster, FRG  
CITIZENSHIP: Austrian  
DATE OF BIRTH: October 6, 1950 (Vienna, Austria)  
MARITAL STATUS: married; 2 children  
LANGUAGES: English, French

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### EDUCATION

1956-1960 Elementary School, Lyceé Francaise de Vienne, Vienna (Austria)  
1960-1969 Secondary School, Kollegium Kalksburg (Vienna)  
1969-1975 School of Medicine, University of Vienna, Austria  
1970 Graduate School, University of Maryland Fortran IV, Baltimore, USA  
1975 Graduation (M.D., University of Vienna)

### EMPLOYMENT

1975-1977 Resident, Hospital Lainz and University School of Medicine Vienna, Austria  
12 Months Internal Medicine (3<sup>rd</sup> Dept. of Internal Medicine, Prof.K.Irsigler)  
7 Months Plastic Surgery (Prim.Dr.H.Bruck)  
3 Months Urology (Prof.G.Gasser)  
1977-1982 Resident, Dept. of Dermatology II, University of Vienna (Prof.Niebauer)  
04-05/1978 Resident, Dept. of Dermatology, Military Hospital, Vienna (Dr.A.Steppert)  
10/1982 Board Certification Dermatology  
1982-1990 Assistant Professor of Dermatology, Dept. of Dermatology II, University of Vienna (Prof.Niebauer)  
1985 Invitation: Associate Professor, Dept. of Dermatology Berlin Steglitz (declined)  
1989 Course: Basics in Management (Hernstein International Management Institute, Vienna)  
04/1990 Director and Chairman of the Department of Dermatology, Westphalian Wilhelms-University of Münster, Germany  
1995-1999 Dean of the Medical Faculty of the Westphalian Wilhelms-University Münster, Germany

## MAJOR AREAS IN CLINICAL DERMATOLOGY

- Immunemediated and Autoimmune diseases of the skin
- Photobiology and phototherapy
- Dermatooncology
- Dermatopharmacology

## RESEARCH TRAINING AND ACTIVITIES

- 1977 Immunofluorescence course, Dept. of Experimental Pathology, University of Innsbruck (Prof.G.Wick)
- 1976-1980 Resident, Dept. of Cancer Research, University of Vienna (Prof.M.Micksche)
- 1980-1982 Postdoctoral training, National Institutes of Health, National Institute of Dental Research, Laboratory of Microbiology and Immunology (Dr.J.J.Oppenheim) (Grant from the Max Kade Foundation)
- 1982 Visiting Associate, National Institutes of Health, National Institute of Dental Research, Laboratory of Microbiology and Immunology, Bethesda, MD, (Dr.J.J.Oppenheim)
- 03/1984 Associate Professor of Dermatology, Dept: of Dermatology II, University of Vienna
- 1992 Head of the Laboratory for Cellbiology and Immunobiology of the Skin, Westphalian Wilhelms-University Münster (move from Vienna to Münster)
- 1992-1999 Spokesman (together with Prof.C.Sorg) of the Clinical Research Group “The role of endothelial cells in the induction of inflammatory reactions in the skin” at the Dept. of Dermatology, Westphalian Wilhelms-University Münster, Germany
- 2006 Vice Chairman of the Interdisciplinary Center of clinical Research at the Medical Faculty of the University of Münster

## MAJOR AREAS IN RESEARCH

- Mechanisms of immune tolerance
- Influence of the sensory-neurological systems on the generation of inflammation of the skin (PACAP, VIP, SP)
- Regulation of the function of dendritic cells by neuropeptides ( $\alpha$ MSH, SP, CGRP)
- Strategies of vaccination for the prevention and therapy of allergic diseases
- Significance of the proteases activated receptor-2 (PAR-2) on the pathogenesis of neurogenic inflammation
- Significance of endothelial cells in the pathogenesis of inflammatory reactions
- Biological effects of  $\alpha$ MSH on the regulation of extracellular matrix genes in fibroblasts

## PUBLICATIONS

Original articles: 332 (total) / 113 (first or senior author)  
 Review articles: 156 (total) / 104 (first or senior author)  
 Book chapters: 128 (total) / 109 (first or senior author)  
 Published abstracts: 637

*Books:*

Epidermal Growth Factors and Cytokines (Luger TA, Schwarz T, eds), Marcel Dekker, New York (1994)

Cutaneous Neuroimmunomodulation - The Proopiomelanocortin System -, Luger TA, Paus R, Lipton JM, Slominski AT, eds), The New York Academy of Sciences, New York (1999)

Textbook of Atopic Dermatitis (Reitamo S, Luger TA, Steinhoff M, eds), Informa Helthcare, London, (2008)

Neuroimmunology of the Skin (Granstein RD, Luger TA, eds), Springer Verlag Berlin Heidelberg (2009)

*Important publications (2005-2010)*

1. Böhm M, Eickelmann M, Li Z, Diederichs S, Barsh GS, Vogt A, Stieler K, Blume-Peytavi U, Luger TA: Detection of functionally active melanocortin receptors and evidence for an immunoregulatory activity of alpha-melanocyte-stimulating hormone in human dermal papilla cells. *Endocrinol* 146 (11): 4635-4646 (2005)
2. Steinhoff M, Buddenkotte J, Shpacovitch V, Rattenholl A, Moormann C, Vergnolle N, Luger TA, Hollenberg MD: Proteinase-activated receptors: transducers of proteinase-mediated signaling in inflammation and immune response. *Endocrine Reviews* 26(1): 1-43 (2005)
3. Maaser C, Kannengiesser K, Specht C, Lügering A, Brzoska T, Luger TA, Domschke W, Kucharzik T: Crucial role of the melanocortin receptor MC1R in experimental colitis. *GUT* 55(10): 1415-1422 (2006)
4. Luger TA, Brzoska T: alpha-MSH related peptides: a new class of anti-inflammatory and immunomodulating drugs. *Ann Rheum Dis.* 66 Suppl 3:iii52-5 (2007)
5. Scholzen TE, König S, Fastrich M, Böhm M, Luger TA. Terminating the stress: peripheral peptidolysis of proopiomelanocortin-derived regulatory hormones by the dermal microvascular endothelial cell extracellular peptidases neprilysin and angiotensin-converting enzyme. *Endocrinology.* 148(6):2793-805 (2007)
6. Brzoska T, Luger TA, Maaser C, Abels C, Böhm M: Alpha-melanocyte-stimulating hormone and related tripeptides: biochemistry, antiinflammatory and protective effects in vitro and in vivo, and future perspectives for the treatment of immune-mediated inflammatory diseases. *Endocr Rev* 29(5): 581-602 (2008)
7. Shpacovitch V, Feld M, Hollenberg MD, Luger TA, Steinhoff M: Role of protease-activated receptors in inflammatory responses, innate and adaptive immunity. *J Leukoc Biol.* 2008 Jun;83(6):1309-22. *J Allergy Clin Immunol.* 121(1):257-8 (2008)

8. Kokot A, Sindrilaru A, Schiller M, Sunderkötter C, Kerkhoff C, Eckes B, Scharffetter-Kochanek K, Luger TA, Böhm M: Alpha-melanocyte-stimulating hormone suppresses bleomycin-induced-collagen synthesis and reduces tissue fibrosis in a mouse model of scleroderma: Melanocortin peptides as a novel treatment strategy for scleroderma? *Arthritis Rheum* 60(2): 592-603 (2009)
9. Loser K, Brzoska T, Oji V, Auriemma M, Voskort M, Kupas V, Klenner L, Mensing C, Hauschild A, Beissert S, Luger TA: The neuropeptide alpha-melanocyte-stimulating hormone is critically involved in the development of cytotoxic CD8+ T cells in mice and humans. *PLOS One* 5(2): e8958 (2010)
10. Loser K, Vogl T, Voskort M, Lueken A, Kupas V, Nacken W, Klenner L, Kuhn A, Foell D, Sorokin L, Luger TA, Roth J, Beissert S: The toll-like receptor 4 ligands Mrp8 and Mrp14 are crucial in the development of autoreactive CD8+ T cells. *Nature Medicine* 16, 713-717 (2010)

### **Current research support**

Ludwig Boltzmann Institute for Cellbiology and Immunobiology of the Skin  
1998-2005 € 900.000,--

Interdisziplinäres Klinisches Forschungszentrum der Medizinischen Fakultät Münster  
1999-2005 € 442.000,--

Centre de Recherche et d'Investigations épidermiques et sensorielles, Paris, Frankreich  
1998-2004 € 95.000

L'Oreal/La Roche Posay, Paris, Frankreich  
1999-2004 € 300.000,--

Deutsche Forschungsgemeinschaft (SCHO 629/3-1)  
2002-2004 approx. € 150.000,--

Galderma Endowment Professorship (Prof.Dr.Martin Steinhoff)  
2005-2010 approx. € 500.000,--

Interdisciplinary Center of Clinical Research  
2005-2008 € 250.000,--

Bundesministerium für Forschung und Technologie -5DIntravitaltomographie  
2007-2010 € 920.000,--

Interdisciplinary Center of Clinical Research  
2008-2011 € 230.000,--

## BOARDS

- 1983-1986 Member of the Board of Directors of the German Society of Dermatological Research (ADF)
- 1983-1986 Secretary of the Austrian Society of Dermatology (ÖGD)
- 1986-1990 Board Member of the Austrian Society of Dermatology (ÖGD)
- 1986-1990 Board Member of the Austrian Society of Allergology and Immunology (ÖGAI)
- 1988-1994 Member of the Board of Consultants: Severely burned patients (Ministry of Education and Research, Bonn)
- 1990-2000 Chairman of the European Immunodermatology Society
- Since 1991 Chairman of the Oscar Gans Award Committee
- 1991-1995 Member of the Board of Consultants: Connective tissue diseases and rheumatology (Ministry of Education and Research, Bonn)
- 1993-1999 Advisory Board Member of the Medical Faculty of the Westphalian Wilhelms-University Münster
- Since 1995 Scientific Advisory Board Member of Centre de Recherche et d' Investigations épidermiques et sensorielles, Paris, France
- Since 1995 Advisory Board Member of the "Interdisciplinary Center for Clinical Research", University of Leipzig
- 1995-2002 Chairman of the Board of Consultants of "Allergy and Lung Research", (Ministry of Education and Research, Bonn)
- Since 1997 Board Member of the German Dermatological Society (DDG)
- Since 1997 Board Member of the Northrhine Westphalian Dermatological Society
- Since 1997 Member of the Evaluation Panel of the Erich Hoffmann Society, Bonn
- Since 1998 Scientific Consultant L'Oreal, Paris, France
- Since 1998 Board Member of the Josef Fiege Trust, Münster
- 1999-2004 Scientific Advisory Board Member Melacure, Uppsala, Sweden
- Since 1999 Scientific Advisory Board Member Zengen, USA
- Since 1999 Member of the Board of Consultants for the "International Award Photoimmunology"
- Since 1999 Board Member of Fondation René Touraine pour la Recherche en Dermatologie, Paris, France
- 1999-2001 Board of "Forschungslandkarte der Hochschulmedizin", Ministry of Education and Research, Bonn
- Since 2000 Research Consultant of "Innovative Dermale Applikationen AG", Munich
- 1999 Member of the Evaluation Panel to evaluate the research qualities of the Medical Faculty of the University of Helsinki
- Since 2001 Member of the Board "Dermatology" of the Academy for Medical Training, Ärztekammer Westfalen-Lippe
- Since 2001 Board Member of the "Interdisciplinary Center for Clinical Research", Westphalian Wilhelms-University Münster
- Since 2001 Secretary of the Scientific Committee of the "European Academy of Dermatology and Venereology"
- Since 2002 Board Member of the "Interdisciplinary Center for Clinical Research", University of Erlangen
- Since 2003 Board Member of the European Academy of Dermatology and Venereology (EADV)
- 2003-04/2007 Secretary General of the German Association of Dermatologists (DDG)

- 2004-2007 Chairman of the Scientific Committee of the European Academy of Dermatology and Venereology (EADV)  
 05/2007 President of the German Association of Dermatologists (DDG)

#### PROFESSIONAL ORGANIZATIONS

- 1977 Austrian Society of Dermatology (ÖGD)  
 1977 Society of Dermatological Research (ADF)  
 1978 Austrian Society of Allergy and Immunology (ÖGAI)  
 1981 Society of Investigative Dermatology (SID)  
 1981 American Federation for Clinical Research (AFCR)  
 1982 American Association of Immunologists (AAI)  
 1983 German Society of Dermatology (DDG)  
 1984 European Society of Dermatological Research (ESDR)  
 1985 American Academy of Dermatology (AAD)  
 1987 Skin Pharmacology Society (SPS)  
 1988 New York Academy of Sciences (NYAS)  
 1990 European Immunodermatology Society (EIS)  
 1991 Japanese Society for Investigative Dermatology (JSID)  
 1991 German Society for Immunology  
 1992 German Society for Phlebology  
 1995 European Academy of Dermatology and Venereology (EADV)  
 1997 Israeli German Dermatological Society  
 1998 Society for NeuroImmunoModulation  
 1998 European Dermatology Forum  
 2000 The Brendan Society, Inc.

#### EDITORIAL BOARDS

- 1987-2002 Editorial Board "Immunobiology"  
 Since 1989 Editorial Board "European Lymphokine Network"  
 Since 1989 Editorial Board "Cytokines"  
 Since 1990 Editorial Board "European Cytokine Network"  
 Since 1991 Editorial Board "Zeitschrift für Hautkrankheiten"  
 Since 1991 Editorial Board "Hautarzt"  
 Since 1992 Editorial Board "Archives of Dermatological Research"  
 Since 1992 Editorial Board "Regional Immunology"  
 Since 1992 Editor of the Journal "Experimental Dermatology"  
 Since 1999 Editorial Board "Journal European Academy of Dermatology"  
 Since 1999 International Advisory Board "Journal of Dermatology"  
 Since 2000 Editorial Board "Journal of Cutaneous Medicine and Surgery"  
 Since 2001 Member of the Int. Advisory Committee of the "Archives of Dermatology"  
 Since 2003 Editorial Board "Journal of Dermatological Science"

## REVIEWER (GRANTS)

Deutsche Forschungsgemeinschaft (DFG)  
 Deutsche Forschungsanstalt für Luft- u. Raumfahrt e.V. (DLR) / Bundesministerium für  
 Bildung und Forschung (BMBF)  
 Alexander von Humboldt Stiftung  
 Fonds zur Förderung der wissenschaftlichen Forschung (Österreich)  
 Jubiläumsfond der Österreichischen Nationalbank  
 Fonds des Bürgermeisters der Bundeshauptstadt Wien  
 Schweizer Nationalfonds  
 National Science Foundation (USA)  
 British Skin Foundation  
 The Wellcome Trust, UK

## REVIEWER (JOURNALS)

Immunology Today  
 FASEB Journal  
 Journal of Immunology  
 Journal of Clinical Investigation  
 European Journal of Immunology  
 The Journal of Leukocyte Biology  
 Immunobiology  
 International Archives of Allergy and Immunology  
 Journal of Allergy and Clinical Immunology  
 The American Journal of Pathology  
 Journal of Cancer  
 Journal of Investigative Dermatology  
 Photochemistry and Photobiology  
 Archives of Dermatological Research  
 Journal of the American Academy of Dermatology  
 British Journal of Dermatology  
 Archives of Dermatology  
 Acta Dermatovenerologica  
 Journal of the European Academy of Dermatology  
 Hautarzt

## HONORS AND AWARDS

1979	DENK-Award (Austrian Society of Hematology and Oncology)
1980-1982	Visiting Fellowship (Max Kade Foundation, New York)
1982	HEBRA-Award (highest award of the Austrian Society of Dermatology)
1984	AESCA-Award (Austrian Society of Dermatology)
1986	AESCA-Award (Austrian Society of Dermatology)
1987	HOECHST-Award (Austrian Medical Association)
1987	UNILEVER-Award (Award of the Austrian Dermatologists)
1990	UNILEVER-Award (Award of the Austrian Dermatologists)
1990	AESCA-Award (Austrian Society of Dermatology)
1990	Honorary Member of the Polish Society of Dermatology

- 1991 Corresponding Member of the French Society of Dermatology  
 1992 Honorary Member of the Hungarian Society of Dermatology  
 1995 13<sup>th</sup> Stiefel Visiting Lectureship, UK  
 1996 Grünenthal-Award "Skin and Environment"  
 1998 New York Academy of Sciences, Certificate of Appreciation  
 2000 Honorary Member of the American Dermatological Association (ADA)  
 2000 William Montagna Award (Society for Investigative Dermatology)  
 2001 Kardinal-Innitzer Award of Medicine (Austria)  
 2002 Honorary Member of the Korean Society of Dermatology  
 2001 Member of the Austrian Academy of Sciences  
 2001 Member of the German Academy of Natural Science Leopoldina  
 2005 Member of the Northrhine-Westphalian Academy of Sciences  
 2005 Corresponding Member of the Swiss Society of Dermatology and Venereology  
 2009 Award of the title doctor honoris causa by Medical School of the University of Athens  
 2009 Honorary Foreign Member of the Japanese Dermatologic Association  
 2009 Honorary Member of the Baltic Association of Dermatovenereology  
 2009 Honorary Member of the Czech Dermatological Association

#### INVITED LECTURES

- 1989 Invited Plenary Lecture, Updates in Dermatology, Reykjavik, Iceland  
 Invited Plenary Lecture, 2<sup>nd</sup> Int. Seminar on Langerhans Cell Histiocytosis, Athens, Greece  
 Invited Guest Lecture, Med. Clinic Innsbruck, Austria  
 Invited Guest Lecture, Dept. of Dermatology, Univ. of Munich, Germany  
 Invited Plenary Lecture, 90<sup>th</sup> Ann.Meeting Jap. Soc. of Dermatol., Tsukuba, Japan  
 Invited Plenary Lecture, Int. Dermatology Symp., Berlin, Germany  
 1990 Invited Guest Lecture, University of Hiroshima, Japan  
 Invited Guest Lecture, Teikyo University, Tokyo, Japan  
 Invited Guest Lecture, Tohoku University Sendai, Sendai, Japan  
 Invited Guest Lecture, Inst. Clin. Microbiology, Univ. of Erlangen, Germany  
 Invited Guest Lecture, Dept. of Dermatology, Univ. of Würzburg, Germany  
 Invited Plenary Lecture, XIth Int. Congr. of Pharmacology, Amsterdam, Netherlands  
 Invited Plenary Lecture, New Trends in Allergy III, Munich, Germany  
 Invited Guest Lecture, Dept. of Dermatology, Univ. of Berlin, Germany  
 Invited Plenary Lecture, Int. Symp. on Cytokine Network, Osaka, Japan  
 1991 Invited Plenary Lecture, 6<sup>th</sup> Immunol. Res. Meeting, Kiel, Germany  
 Invited Guest Lecture, Dept. of Dermatology, Hannover, Germany  
 Invited Plenary Lecture, 8 Fortbildungsw. Österr.Dermatologen, Zürs, Austria  
 Invited Plenary Lecture, 8<sup>th</sup> Adv. Course in Dermatology, Brighton, England  
 Invited Plenary Lecture, 3<sup>rd</sup> Nikolas Symposium, Athens, Greece  
 Invited Guest Lecture, Univ. of Helsinki, Finland  
 Invited Plenary Lecture, III. Internat.Dermatol. Symp., Berlin, Germany  
 Invited Plenary Lecture, 4<sup>th</sup> Symp. on Psoriasis, Iwonicz, Poland  
 Invited Plenary Lecture, Nato Adv. Res. Workshop, San Miniato, Italy  
 Invited Plenary Lecture, XIV Internat. Congress of Allergology and Clin. Immunology, Kyoto, Japan



- Invited Plenary Lecture, 121. Tagung d. Vereinigung Rhein.-Westf. Dermatologen, Bonn, Germany
- 1992 Invited Plenary Lecture, 2nd Int. Allergy 2000 Meeting, London, England
- Invited Guest Lecture, Kinki University, Osaka, Japan
- Invited Plenary Lecture, 9<sup>th</sup> Ann. Course of Consultants & Registrars, Brighton, England
- Invited Plenary Lecture, 82. Tagung d. Sächsischen Ges. f. Dermatologie, Leipzig, Germany
- Invited Plenary Lecture, 15. Jahrestagung d. Vereinigung f. Operative u. Onkologische Dermatologie, Cologne, Germany
- Invited Plenary Lecture, Dermatologie-Workshop, Luxemburg
- Invited Plenary Lecture, XIII. Fortbildungswoche f. Praktische Dermatologie u. Venerologie, Munich, Germany
- Invited Plenary Lecture, Brit. Soc. f. Allergy and Clin. Immunol. Southampton, England
- Invited Plenary Lecture, Vereinigung Rhein.-Westf. Dermatologen, Lüdenscheid, Germany
- Invited Plenary Lecture, Environmental Skin Cancer, Cleveland, USA
- Invited Plenary Lecture, Skin Therapy Forum, Cardiff, England
- Invited Plenary Lecture, Akt. Aspekte zum malignen Melanom, Bonn, Germany
- Invited Guest Lecture, Dept. of Dermatology Erlangen, Germany
- 1993 Invited Plenary Lecture, Annual Meeting Hungarian Soc., Budapest, Hungary
- Invited Plenary Lecture, Allergie Symposium, Hoersholm, Denmark
- Invited Plenary Lecture, Molecular and Cellular Mechanisms of Psoriasis, Monte Carlo
- Invited Plenary Lecture, Euro Cancer, Paris, France
- Invited Plenary Lecture, Dermatology 2000, Vienna, Austria
- Invited Guest Lecture, University of Mainz, Germany
- Invited Plenary Lecture, Dt. Ärztekongress, Berlin, Germany
- Invited Plenary Lecture, 3<sup>rd</sup> Arnold-Rikli-Symposium, Basel, Switzerland
- Invited Plenary Lecture, 14<sup>th</sup> Colloquium Int. Soc. Dermatopathology, Siena, Italy
- Invited Plenary Lecture, World Congress of Inflammation, Vienna, Austria
- Invited Plenary Lecture, 4. Wiss. Sitzung d. Ungarischen Dermatol. Ges., Pécs, Hungary
- Invited Plenary Lecture, Weiter- u. Fortbildungsveranstaltung, Zurich, Switzerland
- Invited Plenary Lecture, Jahrestagung d. Österr. Ges. f. Dermatologie u. Venerologie, Vienna, Austria
- 1994 Invited Guest Lecture, University of Gießen, Germany
- Invited Plenary Lecture, VII. Int. Congress of Dermatology, New Delhi, India
- Invited Plenary Lecture, Szeged Dermatology Days, Szeged, Hungary
- Invited Plenary Lecture, Ozone-Sun-Cancer, Paris, France
- Invited Plenary Lecture, Dermatologia a fin de siglo, Buenos Aires, Argentina
- Invited Plenary Lecture, Crossroads in Medicine, Debrecen, Hungary
- Invited Plenary Lecture, Stockholm, Sweden
- Invited Plenary Lecture, XIV. Fortbildungswoche f. prakt. Dermatologie u. Venerologie, Munich, Germany
- Invited Plenary Lecture, 19th Annual Meeting Jap. Soc. Invest. Dermatology, Osaka, Japan

- Invited Plenary Lecture, 124. Tagung d. Vereinigung Rhein.-Westf. Dermatologen, Essen, Germany
- 1995 Invited Plenary Lecture, Collaborative Course on Biology of the Skin, Boston, USA
- Invited Guest Lecture, Dept. of Dermatology Univ. Texas, USA
- Invited Plenary Lecture, Molec. Mechanisms in Dermal-Epidermal Interaction, Kloster Irsee, Germany
- Invited Plenary Lecture, Wiss. Symposium, Düsseldorf, Germany
- Invited Plenary Lecture, 38. Tagung d. Dt. Dermatol. Gesellschaft, Berlin, Germany
- Invited Plenary Lecture, XXXth Middle East Medical Assembly, Beirut, Lebanon
- Invited Guest Lecture, Dept. of Dermatology, Beirut, Lebanon
- Invited Guest Lecture, Univ. of Tokyo, Japan
- Invited Guest Lecture, Tsukuba, Japan
- Invited Plenary Speaker, 94<sup>th</sup> Annual Meeting of the Japanese Dermatological Association, Yokohama, Japan
- Invited Guest Lecture, Univ. of Hannover, Germany
- Invited Plenary Lecture, Fortschritte de Allergologie u. Immunologie, Davos, Switzerland
- Invited Plenary Lecture, 12th Uppsala Symp. in Clin Dermatol, Uppsala, Sweden
- Invited Plenary Lecture, 4<sup>th</sup> EADV Congress, Brussels, Belgium
- Invited Plenary Lecture, Int. Symp. on Biological Events in Cut. Inflammation, Kiel, Germany
- Invited Guest Lecture, 7. Regensburger Dermatologentagung, Regensburg, Germany
- Invited Lecture, Royal Society of Medicine, London, UK**
- Invited Speaker, Institute of Dermatology, London, UK
- Visiting Professor, University of Cardiff, UK
- Visiting Professor, University of Nottingham, UK
- Visiting Professor, University of Leicester, UK
- Invited Plenary Lecture, Fondation René Touraine, Paris, France
- Invited Plenary Lecture, 125. Tagung d. Vereinigung Rhein.-Westf. Dermatologen, Recklinghausen, Germany
- 1996 Invited Plenary Speaker, 17<sup>th</sup> Reunión Annual Dermatólogos Latinamericanos del Cono Sud, Montevideo, Uruguay
- Invited Guest Lecture, Colloquium generale, Magdeburg, Germany
- Invited Guest Lecture, Utrecht, Netherlands
- Invited Guest Lecture, INSERM, Clichy, France
- Invited Guest Lecture, Dept. Dermatol. Innsbruck, Austria
- Invited Guest Lecture, Dept. Dermatol. Buenos Aires, Argentina
- Invited Plenary Lecture, 15. Fortbildungswoche f. prakt. Dermatol. u. Venerol, Munich, Germany
- Invited Plenary Lecture, 45th Ann. Symp. Biol. of the Skin, Snowmass, USA
- Invited Guest Lecture, Emory Dermatology, Atlanta, USA
- Invited Plenary Lecture, 20. Tagung Dt. Ges. f. Allergie u. Immunitätsforsch., Freiburg, Germany
- Invited Plenary Lecture, Skin Cancer and UV-Radiation, Bochum Germany
- Invited Guest Lecture, 3a Riunione del Gruppo Italiano di Ricerca, Chieti, Italy
- Invited Plenary Lecture, Neuroimmunomodulation, Bethesda, USA

- Invited Plenary Lecture, Cytokines, Growth Factors and the Skin, Cleveland, USA
- Invited Plenary Lecture, Jahrestagung Österr. Ges. f. Dermatol. u. Venerol., St. Pölten, Austria
- 1997 **Erich Hoffmann Gedächtnis Vorlesung Bonn, Germany**  
 Visiting Professor, Louis Forman, St. Thomas' Hospital, London, UK  
 Invited Plenary Lecture, Immunodermatol. Symposium, Kiel, Germany  
 Invited Plenary Lecture, IV. Immunol.-Symp. Centeon, Frankfurt, Germany  
 Invited Plenary Lecture, 1<sup>st</sup> Int. Symp. on Stress&Skin, Pécs, Hungary  
 Invited Guest Lecture, Recent Trends in Atopic Dermatitis, Helsinki, Finland  
 Invited Plenary Lecture, Int. Workshop on Neurobiology of the Skin, Rome, Italy  
 Invited Plenary Lecture, Int. Workshop on Endothelial Cells, Innsbruck, Austria
- 1998 Invited Plenary Lecture, Fondation René Touraine, Paris, France  
 Invited Plenary Speaker, Panarabic League of Dermatologists, Beirut, Lebanon  
 Invited Plenary Lecture, The Renaissance of Dermatology, Montecatini, Italy  
 Invited Guest Lecture, Dept. Dermatol. Salzburg, Austria  
 Invited Plenary Lecture, 4<sup>th</sup> Congress of the Europ. Soc. Contact Dermatitis, Helsinki, Finland  
 Invited Guest Lecture, Dept. of Dermatology, Helsinki, Finland  
 Invited Plenary Lecture, 26<sup>th</sup> Congress of the Polish Assoc. of Dermatol. Warsaw, Poland  
 Invited Plenary Lecture, 7. Benjamin-v.-Lipschütz-Symp., Eisenach, Germany  
 Invited Guest Lecture, Dept. of Pharmacology, Uppsala, Sweden  
 Invited Guest Lecture, L'Oreal Res. Inst., Paris, France
- 1999 Invited Guest Lecture, Magdeburger Arbeitsgem. Diabetologie u. Endokrinologie, Magdeburg, Germany  
 Invited Plenary Lecture, 12. Fortbild. Österr. Dermatologen, Bad Kleinkirchheim, Austria  
 Invited Guest Lecture, Klinikum Großhadern, Munich, Germany  
 Invited Plenary Lecture, 4. Jahrestagung Österr. Ges. f. Endokrinologie, St. Wolfgang, Austria  
 Invited Plenary Lecture, 2. Teupitzer Colloquium, Teupitz, Germany  
 Invited Plenary Lecture, Future's Forum, Debrecen, Hungary  
 Invited Plenary Lecture, 4<sup>th</sup> Int. Congress of the Int. Soc. f. Neuroimmunomodulation, Lugano, Switzerland  
 Invited Guest Lecture, Festschrift Prof. Greaves, London, England  
 Invited Plenary Lecture, 2. Tagung Dermatol. Wiss.- u. Fortbildungsakademie NRW, Bonn, Germany  
 Invited Plenary Lecture, 21. Tagung Dt. Ges. f. Allergologie u. Klin. Immunologie, Munich, Germany  
 Invited Plenary Lecture, 1st Int. Congress of the Ageing Soc. Abano Terme, Italy  
 Invited Guest Lecture, Nat. Cancer Inst, Frederick, USA  
 Invited Guest Lecture, Southwestern Med.School, Dallas, USA
- 2000 **Rajka Lecture, Oslo, Norway**  
**William Montagna Lecture (SID)**  
 Invited Plenary Lecture, Therapie allerg. Erkrankungen, Villingen, Germany  
 Invited Plenary Lecture, 2<sup>nd</sup> Int. Workshop on Endothelial Cells, Innsbruck, Austria

Invited Plenary Lecture, 10. Salzburger Therapiegespräche, Goldegg, Austria  
 Invited Plenary Lecture, 106. Kongreß d.Dt.Ges.f.Innere Med., Wiesbaden, Germany

Invited Plenary Lecture, 99th Annual Meeting Jap. Dermatol. Assoc., Sendai, Japan

Invited Plenary Lecture, Athens Dermatol. Symposium, Athens, Greece

Invited Guest Lecture, Dept. of Dermatology Heidelberg, Germany

Invited Plenary Lecture, 17. Fortbildungsw. f. praktische Dermatologie u. Venerologie, Munich, Germany

Invited Plenary Lecture, IX Congresso Nazionale, Taormina, Italy

Invited Plenary Lecture, Ann. Meeting of the Europ. Hair Res. Soc., Marburg, Germany

Invited Plenary Lecture, 3<sup>rd</sup> Teupitzer Colloquium 2000, Teupitz, Grmany

Invited Plenary Lecture, 100. Wiss. Sitzung Wiss. d. Vereinigung Steirischen Dermatologen, Graz, Austria

Invited Guest Lecture, Dept. Dermatol. Emory University, Atlanta, USA

Invited Plenary Lecture, Joint Ann. Meeting of Immunol., Düsseldorf, Germany

2001

**Rudi Cormane Lecture (ESDR)**

Invited Plenary Lecture, MED/Dermatol. Alpine conference, Cortina D'Ampezzo, Italy

Invited Plenary Lecture, 8. Kongress d. Dt. Ges. f. Verhaltensmedizin u. Verhaltensmodifikation, Kiel, Germany

Invited Plenary Lecture, New Frontiers in Clin. and Exp. Dermatology, Venice, Italy

Invited Plenary Lecture, Int. Workshop on Molec. Mechanisms of Tanning, Nice, France

Invited Plenary Lecture, 41. Tagung d.Dt. Dermatol. Gesellschaft, Berlin, Germany

Invited Guest Lecture, Dept. of Dermatology, Ulm, Germany

Invited Guest Lecture, Dept. of Pathology, Amsterdam, Netherlands

Invited Guest Lecture, Dept. of Dermatology, Vienna, Austria

Invited Guest Lecture, Dept. of Internal Medicine, Regensburg, Germany

Invited Plenary Lecture, Ann.Meeting Jap. Soc. of Psoriasis Res, Chiba, Japan

Invited Guest Lecture, Dept. of Dermatology, Sapporo, Japan

Invited Guest Lecture, Dept. of Dermatology, Osaka, Japan

Invited Guest Lecture, 83. Jahresversammlung d. Schweizerischen Ges. f. Dermatologie u. Venerologie, Geneva, Switzerland

Invited Guest Lecture, Dept. of Dermatology, Mainz, Germany

Invited Guest Lecture, Dept. of Dermatology, Helsinki, Finland

Invited Plenary Lecture, Fondation René Touraine, Paris, France

2002

**Tanioku Kihei Memorial Lectureship (JSID)**

Invited Plenary Lecture, 5th Int. Meeting of Treatment in Dermatology, Porto, Portugal

Invited Guest Lecture, 12<sup>th</sup> Annual Meeting of the Korean Soc. f. Invest. Dermatol, Seoul, Korea

Invited Plenary Lecture, 1<sup>st</sup> Europ. Meeting of Hair and Scalp Disorders, Toulouse, France

Invited Plenary Lecture, Skin Cancer and Photoaging, Rome, Italy

Invited Guest Lecture, Charité Berlin, Germany

Invited Guest Lecture, Estee Lauder Companies, Melville, USA

Invited Plenary Lecture, 18. Fortbildungswoche f. prakt. Dermatologie u. Venerologie, Munich, Germany

Invited Plenary Lecture, 27th Ann. Meeting of the Jap. Soc. Investigative Dermatology, Kyoto, Japan

Invited Guest Lecture, Dept. of Dermatology, Osaka, Japan

Invited Guest Lecture, 5<sup>th</sup> Int. Melanocortin Meeting, Sunriver, USA

Invited Plenary Lecture, 4. Tagung d.Dt.-Ung. Dermatologischen Ges., Düsseldorf, Germany

Invited Plenary Lecture, Dermatologie im Jahr 2002, Bern, Switzerland

Invited Plenary Lecture, Dept. of Dermatology, Heidelberg, Germany

Invited Plenary Lecture, 18<sup>th</sup> Annual Dermatology 2002, Vancouver, Canada

Invited Plenary Lecture, Advances in the Diagnosis and Treatment of Autoimmune Mucocut. Blistering Diseases, Washington DC, USA

Invited Plenary Lecture, Psoriasis: From Gene to Clinic, London, England

Invited Plenary Lecture, Dermatological Disorders, London, England

Invited Plenary Lecture, Int. Symp. on Atopic Dermatitis, Nijmegen, Netherlands

2003

**Rille Memorial Lecture Leipzig, Germany**

Invited Plenary Lecture, 6. Villingen Allergiesymp., Villingen, Germany

Invited Plenary Lecture, 6. Jahrestagung d. Dt. Menopause Ges., Cologne, Germany

Invited Plenary Lecture, Fondation René Touraine, Paris, France

Invited Plenary Lecture, Adv. in Targeted Therapies, St. Martin, French West Indies

Invited Guest Lecture, Dept. of Dermatology, Würzburg, Germany

Invited Guest Lecture, Northwestern Univ. Chicago, USA

Invited Guest Lecture, Univ. of Boston, USA

Invited Plenary Lecture, Ann. Europ. Congress of Rheumatology, Lisbon, Portugal

Invited Plenary Lecture, Int. Symp. on Atopic Dermatitis, Venice, Italy

Invited Plenary Lecture, World Allergy Organization IAACI Congress, Vancouver, Canada

Invited Guest Lecture, Dept. Dermatol, Bordeaux, France

Invited Plenary Lecture, Autumn Sci. Meeting of the Hellenic Soc. of Dermatology and Venereology, Athens, Greece

Invited Plenary Lecture, XV Congreso Ibero-Latinoamericano de Dermatologia, Buenos Aires, Argentina

Invited Plenary Lecture, Neurocosmetiques, Paris, France

Invited Plenary Lectures, Ernst Schering Research Foundation Workshop, Berlin, Germany

Invited Guest Lecture, Dept. Dermatol., Taiwan

2004

Invited Guest Lecture, Dept. of Dermatology, Hong Kong

Invited Guest Lecture, Dept. of Dermatology, Manila

Invited Plenary Lecture, Advances in Targeted Therapies, Venice, Italy

Invited Plenary Lecture, New Horizons in Atopic Dermatitis, London, England

Invited Guest Lecture, Fortbildungsveranst. Dept. of Dermatology, Freiburg, Germany

Invited Guest Lecture, Int. Symp. SFB 617, Kiel, Germany

Invited Plenary Lecture, 19. Fortbildungswoche f. prakt. Dermatologie u. Venerologie, Munich, Germany

- Invited Plenary Lecture, 1st Int. Conference on Cut. Lupus Erythematosus, Düsseldorf, Germany
- Invited Plenary Lecture, 59<sup>th</sup> Congresso da Sociedade Brasileira de Dermatologia, Natal, Brasil
- Invited Plenary Lecture, Dermatology Update, Vancouver, Canada
- Invited Plenary Lecture, 2do Congreso Latinoamericano Fotomedicina y Fotobiología, Cuenca, Ecuador
- 2005 Invited Plenary Lecture, Advances in Targeted Therapies, Juan Les Pins, France
- Invited Guest Lecture, Dept. of Dermatology, New York, USA
- Invited Plenary Lecture, 7<sup>th</sup> Meeting of the German-Jap. Soc. of Dermatology, Dresden, Germany
- Invited Plenary Lecture, 4<sup>th</sup> World Congress of the Int. Academy of Cosmetic Dermatology, Paris, France
- Invited Plenary Lecture, 5<sup>th</sup> Congress of the Baltic Assoc. of Dermatovenereology, Vilnius, Lithuania
- Invited Plenary Lecture, 3<sup>rd</sup> Int. Workshop for the Study of Itch, Heidelberg, Germany
- Invited Plenary Lectures, 2<sup>nd</sup> Norwegian Hot Topics in Rheumatology, Oslo, Norway
- Invited Plenary Lecture, XVII Prof. A. Lütü TAT Sympozyumu, Ankara, Turkey
- Invited Plenary Lecture, 8. Tagung d. Dermatol. Wiss.- u. Fortbildungsakademie NRW, Cologne, Germany
- 2008 Invited Guest Lecture, Sitzung d. NRW Akademie d. Wissenschaften, Düsseldorf, Germany
- Invited Plenary Lecture, Skin, Rheumatism and Autoimmunity, Abano Terme, Italy
- Invited Plenary Lecture, Dermatite Atopica in Pediatria: Fisiopatologia, Clinica e Terapia, Rome, Italy
- Invited Plenary Lecture, 5<sup>th</sup> Ann. Meeting of the Inst. of Arthritis and Pain, Berlin, Germany
- Invited Plenary Lecture, Stress and the Skin, New York, USA
- Invited Guest Lecture, Dept. Dermatol, Beijing, China
- Invited Plenary Lecture, 20. Fortbildungswoche f. prakt. Dermatologie u. Venerologie, Munich, Germany
- Invited Plenary Lecture, 100 Jahre Hautklinik Magdeburg, Germany
- Invited Plenary Lecture, III Congreso Latinoamericano de Fotobiología y Fotomedicina, Santiago de Chile, Chile
- Invited Guest Lecture, Dept. of Dermatology Dessau, Germany
- 2007 Invited Plenary Lecture, 10. Villingen Allergiesymposium, Villingen, Germany
- Invited Plenary Lecture, X Int. Meeting of Treatment of Dermatology, Porto, Portugal
- Invited Plenary Lecture, 7<sup>th</sup> Al-Minya Dermatology & Andrology Int. Conference, Al-Minya, Egypt
- Invited Plenary Lecture, Advances in Targeted Therapies, Athens, Greece
- Invited Plenary Lecture, Workshop on Atopic Dermatitis, Prague Czechoslovakia
- Invited Plenary Lecture, Int. Conference of Facial Esthetics, Vienna, Austria
- Invited Plenary Lecture, 2<sup>nd</sup> Int. Congress on Psoriasis, Paris, France
- Invited Guest Lecture, Dept. of Dermatology, Tübingen, Germany

- Invited Guest Lecture, 37<sup>th</sup> Annual ESDR Meeting, Zurich, Switzerland  
 Invited Plenary Lecture, Allergy, Atopy & Irritation of the Skin, New York, USA
- 2008 Invited Plenary Lecture, 11<sup>th</sup> Meeting of the Europ. Dermatol. Forum, Interlaken, Switzerland  
 Invited Guest Lecture, Dermatology Summit 4, Frankfurt, Germany  
 Invited Plenary Lecture, Serono Symposia Int. Foundation, Athens, Greece  
 Invited Plenary Lecture, 11e Symp. Francophone et Méditerranéen de Dermatologie, Beirut, Lebanon  
 Invited Plenary Lecture, Int. Invest. Dermatology 2008, Kyoto, Japan  
 Invited Plenary Lecture, 21<sup>st</sup> Fortbildungswoche f. prakt. Dermatologie u. Venerologie, Munich, Germany  
 Invited Plenary Lecture, Congrès Annuel de Recherche Dermatologique, Toulouse, France  
 Invited Plenary Lecture, 17th EADV Congress, Paris, France  
 Invited Guest Lecture, William Harvey Research Institute, London, England  
 Invited Plenary Lecture, 6<sup>th</sup> Int. Congress on Spondyloarthropaties, Gent, Belgium  
 Invited Plenary Lecture, 1<sup>st</sup> Hellenic Symp. of Dermatology, Heraklion, Greece  
 Invited Plenary Lecture, IV Congreso Latino-Americano de Fotobiologia e Fotomedicina, Porto Alegre, Brasil  
 Invited Plenary Lecture, 11<sup>th</sup> Conference of PanArab League of Dermatologists, Riyadh, Saudi Arabia
- 2009 **Günther Goerz Gedächtnisvorlesung, ADF Tagung, Heidelberg, Germany**
- 2010 60. Leo-von-Zumbusch-Gedächtnisvorlesung, Munich, Germany