

Curriculum vitae

Univ.-Prof. Dipl.-Ing. Dr. Hannes Stockinger

Hannes Stockinger is the Head of the Institute for Hygiene and Applied Immunology, a subunit of the Center for Pathophysiology, Infectiology and Immunology (CePII) at the Medical University of Vienna, where he is appointed as well as a full professor for molecular immunology.



He was the founding director of CePII that he headed from beginning 2010 till the end of 2019 and developed during his directorship to the largest and most successful translational research units of the Medical University of Vienna. From 2003-2010, he built up as first Dean of the PhD school at this University the first medical PhD school in Austria.

He also co-founded (2000) and managed as CEO (2002-2012) the biotech-SME Competence Center for Biomolecular Therapeutics (BMT) that aimed together with Novartis, Baxter and the SMEs Technoclone and Polymun to identify and develop targets for therapeutic treatment of immunological and inflammatory diseases. In the most active time, BMT employed 75 staff members.

He is also the current President of the Federation of Austrian Scientific Societies (since 2010), whose 160 member societies comprise approximately 40,000 individual scientists. Further, he served as officer for many other national and international scientific organizations and societies. For instance, he was the long-lasting Treasurer of the European Federation of Immunological Societies (EFIS, 2006-2015), President of the Austrian Society for Allergology and Immunology (2000-2006) and Board Member of the Austrian Science Fund (2005-2014).

Hannes Stockinger has been identifying and characterizing structure and function of a number of surface receptors on T cells and myeloid cells by monoclonal antibodies, the latter have been distributed to the community and used by health care centers, doctors and researchers for the diagnosis and therapy of immunological diseases and leukemias for decades up to now. Therefore, he is also member of the Cluster of Differentiation (CD) Nomenclature Council.

His contribution to the understanding of how GPI-anchored receptor proteins transduce signals across the plasma membrane were fundamental for the identification and characterization of lipid rafts, membrane devices that are now recognized to control signaling across the plasma membrane. Thus, these entities are potential therapeutic targets influenced by medications such as statins and omega-3-fatty-acids.

Currently, he is focusing on the development of: 1) novel nanodevices to specifically transport drugs and factors to pathologic cells in immunological diseases, 2) novel assays for the diagnosis of bacterial infections and 3) advanced imaging to analyze the dynamic of receptors and signaling molecules in the immunological synapse of living T cells and antigen presenting cells with the aim to obtain novel insight into the initiation and control of the adaptive immune response and for identifying nanostructure-markers and targets for precision medicine. During his scientific carrier he published more than 200 scientific papers including a variety of original papers in the very top journals such as Cell, Science, Nature Methods, Nature Immunology, Science Signaling, The Journal of Experimental Medicine that count for an h-factor of more than 50.

As Secretary of the Austrian Society for Allergology and Immunology (1992-1996), in the time of the dissolution of the Iron Curtain, he began to establish intensive contacts with colleagues from the South Eastern European region in terms of the harmonization of Europe and to support them in their connection attempt to the West.

One of his first activities in this direction was the acquisition of a research project by the Austrian Academy of Sciences with Vaclav Horejsi from the Czech Academy of Sciences in Prague. In the course of this project, they discovered the lipid rafts, the switchboards controlling and regulating signal transduction across the plasma membrane. Since 2000, Hannes Stockinger and Vaclav Horejsi have been organizing biannually the Tatra Immunology Conference in Slovakia that developed to a highly prestigious training event for young researchers and clinicians working in immunology. In 2009, as Treasurer of the European Federation of Immunological Societies he founded the South Eastern European Immunology School (SEEIS), which he organized together with Bernhard Fleischer from Hamburg in the meantime 11 times: 2009 Ohrid (Macedonia), 2010 Dubrovnik (Croatia), 2011 Arandjelovac (Serbia), 2012 Sarajevo (Bosnia Herzegovina), 2013 Sofia (Bulgaria), 2014 Timișoara

(Romania), 2015 Becici (Montenegro), 2016 Durres (Albania), 2017 Lviv (Ukraine), 2018 Yerevan (Armenia), 2019 Pristina (Kosovo). To sum up, Hannes Stockinger organized and initiated 22 scientific events in the past 20 years in South-Eastern Europe. He gradually increased the number of female speakers at these conferences, for instance at the last Tatra conference the percentage of female speakers was 50%.

Further, since Hannes Stockinger has been the head of the Research Center for Pathophysiology, Infectiology and Immunology, always 2 of the 4 subunits of the Center have been chaired by females. As long as balance is not reached, he will support those that are underrepresented.

Personal Data

Date of Birth May 8, 1955
 Place of Birth Ried im Innkreis, Upper-Austria
 Nationality Austrian
 Business address Medical University of Vienna
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Positions

Chairman, Institute for Hygiene and Applied Immunology, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna;
 Internet: <http://www.meduniwien.ac.at//hp/1/hai>

Education

1975-1982 University of Natural Resources and Applied Life Sciences Vienna, Field of study: Biotechnology
 1982 Biotechnology diploma University of Natural Resources and Applied Life Sciences Vienna, Austria
 1982-1985 Postgraduate training and PhD thesis at the Institute of Immunology, University of Vienna, and the Institute of Applied Microbiology, University of Natural Resources and Applied Life Sciences Vienna, Austria
 1985 PhD (Dr. rer. nat. tech.) University of Natural Resources and Applied Life Sciences Vienna, Austria

Career History

University

1985-1989 Research Associate, Inst. Immunology, Univ. Vienna, Austria
 1989-1991 Assistant Professor, University of Vienna, Austria
 1989-2004 Head of independent research unit, Inst. Immunology, Univ. Vienna, Austria
 1991 Appointment as university lecturer (Univ.-Doz.), University of Vienna, Austria
 1991-1997 Associate Professor, University of Vienna, Austria
 1997-2004 Ao. University Professor, University of Vienna, Austria
 1999-2004 Deputy-chairman of the Institute of Immunology, University of Vienna
 2004-present Appointment as Full Professor for Molecular Immunology, Medical University of Vienna, Austria
 2004-2009 Chairman of the Department of Molecular Immunology, Centre for Biomolecular Medicine and Pharmacology, Medical University of Vienna, Austria
 2004-2009 Dean of the PhD School of the Medical University Vienna
 2008-2009 Deputy chairman Center for Physiology, Pathophysiology and Immunology, Medical University Vienna
 2009-present Chairman of the Institute for Hygiene and Applied Immunology, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna, Austria

- 2010-2019 Chairman Center for Pathophysiology, Infectiology and Immunology, Medical University Vienna
 2010-present Chairman of the *Committee of the Senate of the Medical University of Vienna for the PhD programs*
 2016-2019 Member of the *Senate of the Medical University of Vienna*

General

- 1986-1988 Treasurer of the *Collegium Immunologicum Vindobonense*
 1992-1994 Vice Secretary of the *Austrian Society for Allergology and Immunology*
 1994-1996 Secretary General of the *Austrian Society for Allergology and Immunology*
 1994-2004 Deputy speaker of the program project grant *Microvascular Injury and Repair*
 1995-2006 Member of the *Clinical Immunology Group of the European Federation of Immunological Societies (EFIS-CIG)*
 1996-1997 Council member of the *Austrian Society for Allergology and Immunology*
 1997-2002 Member of the Managing Board of the *European Confederation of Laboratory Medicine*
 1997-2007 Member of the Editorial Board of *International Archives of Allergy and Immunology*
 2000-2002 President-elect of the *Austrian Society for Allergology and Immunology*
 2000-2006 Advisory Board member of *Signal Transduction – Receptors, Mediators, Genes.*
 2002-2004 President of the *Austrian Society for Allergology and Immunology*
 2002-2012 CEO *Competence Center for Biomolecular Therapeutics Research Vienna*
 2004-2006 Past-president of the *Austrian Society for Allergology and Immunology*
 2005-2014 Board member of the *Austrian Science Fund*
 2006-2015 Treasurer of the European Federation of Immunological Societies (EFIS)
 2007-2010 Treasurer of the *Federation of Austrian Scientific Societies*
 2009-2012 Executive Committee member of *ORPHEUS (Organization for PhD Education in Biomedicine and Health Sciences in the European System)*
 2016-2017 Ambassador on Education of the Federation of European Biochemical Societies
 2000-present Member of the International Advisory Board of *Russian Journal of Immunology*
 2003-present Executive editor of *Immunology Letters*
 2004-present Member of the *Human Cell Differentiation (CD) Molecules Council*
 2009-present Editor *BioMed Research International*
 2010-present President of the *Federation of Austrian Scientific Societies*
 2013-present Editorial Board Member *European Journal of Immunology*
 2017-present Academic editor of *PeerJ*
 2019-present Editorial Board Member *EXPERIMED*
 2019-present Co-chair of the Gender Equality and Career Development Committee (GEC) off the International Union of Immunological Societies (IUIS)

Reviewing for: a number of journals and a number of national and international science funds.

Foreign Study Stays

- 1985 Laboratory Prof. Dr. Harald Stein, Institute of Pathology, Klinikum Steglitz, Berlin, Germany

- 1986 Laboratory Prof. Dr. G.W. Bornkamm, Institute of Virology, Center for Hygiene, Freiburg, Germany;
1987 Laboratory Dr. Sanna Goyert, New York University, Hospital for Joint Diseases, New York, USA;
1988 Laboratory Dr. Brian Seed, Department of Molecular Biology, Massachusetts General Hospital, Boston, USA.

Awards and Honors (selected)

- 1985 THESIS-PRIZE of the Austrian Society for Allergology and Immunology
1985 UPPER-AUSTRIAN AWARD for Young Scientists
1986 WOLFGANG-DENK-PRIZE of the Austrian Society for Hematology and Oncology
1987 HOECHST-Foundation Prize
1987 INTERNATIONAL CANCER RESEARCH TECHNOLOGY TRANSFER Award supported by the National Cancer Institute of the USA and International Union Against Cancer members
1988 WILHELM-TÜRK-PRIZE of the Austrian Society for Hematology and Oncology
1990 CLEMENS VON PIRQUET-PRIZE of the Austrian Society for Allergology and Immunology
1991 KARL LANDSTEINER-PRIZE of the Austrian Society for Allergology and Immunology
2007 UPPER-AUSTRIAN CULTURE PRIZE FOR SCIENCE
2010 VISITING PROFESSOR of the University in Kragujevac, School of Medicine
2012 HONORARY MEMBER of the Georgian Society of Allergology and Clinical Immunology
2016 CERTIFICATE OF GRATITUDE of the Danylo Halytsky Lviv National Medical University
2016 HONORARY MEMBERSHIP of the Young Scientist Association of the Medical University of Vienna
2017 BADGE OF HONOR of the Danylo Halytsky Lviv National Medical University
2017 Adjunct Professor of Immunology at Yerevan State Medical University
2018 AUSTRIAN CROSS OF HONOUR FOR SCIENCE AND ART, 1st Class
2019 KARL-LANDSTEINER-MEDAL of the Austrian Society for Allergology and Immunology

Memberships

American Association of Immunologists
Austrian Society for Allergology and Immunology
Austrian Society for Hematology and Oncology
Austrian Society for Hygiene, Microbiology and Preventive Medicine
Austrian Association for Food- and Biotechnologists
Austrian Association of Molecular Life Sciences and Biotechnology
German Society for Immunology

Publications

More than 200 publications in scientific journals including the top journals Cell, Science, Nature Methods, Nature Immunology, Journal of Experimental Medicine, Science Signaling, etc. that were cited more than 10,000x resulting in an h-factor of 54.

Patents

Five patents in the field of immunomodulation

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Univ.-Prof. Dr. Hannes Stockinger