

Markus Zeitlinger

M.D., Assoc. Prof. Priv.Doz.

Date of birth: 09/04/1975

Languages: German, English

Married, two children (8 and 12 years old)

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Biosketch

Markus Zeitlinger studied medicine at the Medical University of Vienna and graduated in 2000. He completed his training as specialist in Internal Medicine and Clinical Pharmacology and advanced to his main current position as Head of the Department of Clinical Pharmacology. In 2007 he received his post-graduate diploma in Clinical Research. Beside clinical trial design his scientific interests cover antimicrobial agents with focus on early phases of clinical research and pharmacokinetics/pharmacodynamics (PK/PD). He has published over 250 peer reviewed publications and book chapters in particular in the areas of antimicrobial agents, vaccines and imaging and is ad hoc reviewer of over 30 journals. As scientific expert to the European Medicines Agency (EMA) he was actively involved in more than 350 scientific advice procedures given by the agency, including 1/3 of all rapid scientific advice procedures during the Covid-19 pandemic. Furthermore he holds key positions in several national and international scientific societies as well as in a number of national and six European research consortia. These international functions include chairing of the PK/PD working group of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) as well as being member of the executive committee of the Federation of European Pharmacological Societies (EPHAR).

Academic Career

28.01.2000	Graduation M.D.
Since June 2007	Section Head Clinical Pharmacokinetics/Pharmacogenetics and Imaging, Department of Clinical Pharmacology, Medical University of Vienna
11.10.2007	Post Graduate Diploma in Clinical Research
16.05.2008	Associate Professor of Clinical Pharmacology (Venia docendi for Clinical Pharmacology, "Habilitation")
01.08.2010	Board certification in Internal Medicine
03.06.2011	Board certification in Clinical Pharmacology
Since October 2015	Head of Department of Clinical Pharmacology, Medical University of Vienna

Academic Achievements

Publications: 250 publications in peer reviewed journals, 6 book chapters (Appendix A).

Contributions at scientific conferences: more than 300 presentations, posters and chairs at national and international conferences, out of these 80 invited lectures (Appendix B).

National and International Positions:

May 2005 – present	Expert of the “Committee for Medicinal Products for Human Use” (CHMP)
March 2011 – present	Member of Steering Committee Society for Pharmaceutical Medicine (GPMed), since 2017 Vicepresident
August 2014 – present	Member of the Scientific Drug Advisory Board of Austrian Ministry of Health
September 2016 – present	Chair Section of Clinical Pharmacology, Austrian Pharmacological Society (APHAR)
October 2016-present	Member of the Committee for Drug Prescription Requirement of the Austrian Ministry of Health
December 2016-present	Member of the Steering Committee International Society of Anti-Infective Pharmacology (ISAP)
December 2016-present	Council Member of the Federation of European Pharmacological Societies (EPHAR)
May 2017-present	Member of the Executive Committee European Association for Clinical Pharmacology and Therapeutics (EACPT)
September 2017-present	Board member Austrian Society of Internal Medicine (ÖGIM)
April 2018-present	Chair ESCMID PK/PD of Anti-Infectives Study Group (EPASG)
September 2016-present	Ludwig Boltzmann Institute (LBI) for Applied Diagnostics, Clinical Workpackage Leader
Juli 2020-present	Director of Clinical Research “TIPAT” EU-Project
January 2020-present	Lay judge of national administration court (Bundesverwaltungsgericht)
January 2021-present	National coordinator of “VACCELERATE” EU-Project
March 2021-present	Member of the Safety Board of the National Vaccine Advisory Committee
April 2021-present	Member of the Scientific Advisory Board of the “Wiener Gesundheitsverbund”
November 2021-present	Advisor to the Austrian National Health Board (“Oberster Sanitätsrat”)
since 2005	numerous involvements in organizational and scientific committees of international and national symposia and congresses (Appendix C)

Past positions:

2007 – 2013	Section Editor International Journal of Clinical Pharmacology and Therapeutics
2011 – 2018	Member of Steering Committee VKlipha (Annual German Congress on Clinical Pharmacology)
2010 – 2018	Chair Working group PK/PD of the Paul Ehrlich Gesellschaft für Chemotherapie e.V
2014 – 2015	Member of the Ethics Committee Medical University of Vienna

Memberships in scientific societies:

International Society of Anti-Infective Pharmacology (ISAP)
Österreichische Pharmakologische Gesellschaft (Austrian Pharmacological Society, APHAR)
Österreichische Gesellschaft für antimikrobielle Chemotherapie (ÖGACH, Austrian Society of Antimicrobial Chemotherapy)
Österreichische Gesellschaft für Infektionskrankheiten (ÖGI, Austrian Society of Infectious Diseases)
Paul Ehrlich Gesellschaft für Chemotherapie e.V. (PEG)
European Society of Clinical Microbiology and Infectious Disease (ESCMID)
ESCMID PK/PD of Anti-Infectives Study Group (EPASG)
Gesellschaft für Pharmazeutische Medizin (GPMed, Society for Pharmaceutical Medicine)
European Association for Clinical Pharmacology and Therapeutics (EACPT)
Federation of European Pharmacological Societies (EPHAR)
Österreichische Gesellschaft für Innere Medizin (ÖGIM, Austrian Society of Internal Medicine)
Alumni Club Medical University of Vienna
American Society for Clinical Pharmacology and Therapeutics (ASCPT)
Verein zur Förderung von Wissenschaft und Forschung, General Hospital Vienna (VFWF)
Österreichische Plattform für Personalisierte Medizin (ÖPPM)

Participation in Task Forces:

2017-present National task force for implementation of the Clinical Trial Regulation in Austria (CTR)
2017-present Task force of the Medical University of Vienna for Translational Medicine and Therapeutics (CTMT).
2019-present Task force of the Medical University of Vienna for the Centre of Technology Transfer

Peer reviewed grants since 2009 (total > 8.000.000 Euro):

2014-2018, Grant of the European IMI program, “New Drugs 4 Bad Bugs” (COMPACTE MAGNET)
2015-2016, Grant of the Austrian National Bank, Cerebral Microdialysis for Determination of Brain Penetration of Antibiotics
2017-2018, KLIF/FWF, Validation and Optimization of PK/PD Development Pathways of Antibiotics
2019-2023, H2020-MSCA-ITN-2019, Marie S. Curie-Actions – Training Networks for “Training towards Personalized Antibiotic Treatment” (TIPAT)
2019-2024, Grant of the European IMI2 JU AMR Accelerator program: H2020-JTI-IMI2-2018-16-01 (RespiriTB)
2019-2024, Grant of the European IMI2 JU AMR Accelerator program: H2020-JTI-IMI2-2018-16-02 (RespiriNTM)
2019-2021, Grant of the European IMI2 JU AMR Accelerator program: H2020-JTI-IMI2-2018-16-04 (AB-DiRecT)
2019-2024, Grant of the European IMI2 JU AMR Accelerator program: H2020-JTI-IMI2-2018-16-07 (GNA-NOW)
2021, VACCELERATE Grant of HORIZON 2020 – The framework program for research and development

Further third party funding since 2009:

> 3.000.000 (e.g. Affiris, Pfizer, Alfa Wassermann, Nabriva, Gebro, Novartis, GSK, Shionogi)

Editorial positions Scientific journals:

November 2017-present	Editorial Board "Pharmainformation"
January 2019-present	Managing Editor European Journal of Clinical Pharmacology
September 2019-present	Editorial Board Clinical Pharmacokinetics
September 2019-present	Scientific Committee of Clinical Microbiology and Infection
Since April 2020	Editorial Board "Microorgansims"

Reviewer for International Journals (alphabetical order):

Acta Ophthalmologica
Advanced Drug Delivery Reviews
African Journal of Microbiology Research
Annals of Clinical Microbiology and Antimicrobials
Annals of the Rheumatic Diseases
Antimicrobial Agents and Chemotherapy
Basic & Clinical Pharmacology & Toxicology
British Journal of Clinical Pharmacology
Chemotherapie Journal
Clinical Infectious Diseases
Clinical Microbiology and Infection
Clinical Pharmacokinetics
Clinical Therapeutics
Critical Care Medicine
Drugs
European Journal of Clinical Investigation
European Journal of Clinical Pharmacology
European Journal of Pharmaceutical Sciences
Frontiers in Pharmacology
Frontiers Pharmacology
Generics and Biosimilars Initiative Journal
Infection
International Journal of Antimicrobial Agents
International Journal of Clinical Pharmacology and Therapeutics
International Journal of Clinical Practice
Journal of Antimicrobial Chemotherapy
Journal of Basic Microbiology
Journal of Pharmacology and Experimental Therapeutics
Lancet Infectious Diseases
Ophthalmic Research
Peritoneal Dialysis International
Pharmaceutics
Planta Medica
PLoS Computational Biology
Regulatory Toxicology and Pharmacology
Skin Pharmacology and Physiology
The Journal of Clinical Pharmacology
Thrombosis and Haemostasis
Tuberculosis

Wiener Klinische Wochenschrift

Lifetime award:

2012 Heribert-Konzett-Award of Austrian Society of Clinical Pharmacology (APHAR)

Teaching:

Involvement in over 70 University lectures and courses

Supervision of 12 doctoral thesis (postdoc) and 33 diploma thesis (Appendix D)

since 11/2009 Teacher at the Master of Public health, MUW

Clinical study experience:

since 2001 Conducting over 150 clinical studies including first in men studies as well as
all phases of clinical drug development

3/2019 last GCP training and test

Data safety Monitoring Board membership:

Since 2018: Evaluation of the safety and efficacy of dihydroartemisinin-piperaquine for
intermittent preventive treatment of malaria in HIV-infected pregnant women

Since 2020: Independent Scientific and Ethics Advisory Board (ISEAB) of EU-RESPONSE

Since 2020: Member/chair of DSMB of 3 different "first in man" studies



1.12.2021