



12th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology

October 2-6, 2011 • Stuttgart, Germany

Prof. Dr. Matthias Schwab
Stuttgart, Germany



EDUCATION:

- 1983-1990 Study of medicine, Friedrich-Alexander University of Erlangen-Nürnberg
- 1991 Doctor`s degree of medicine, Institute of Toxicology and Pharmacology, University Erlangen-Nürnberg (Prof. Dr. R. Böcker and Prof. Dr. C. Estler)
Title of thesis: „ Impact of subchronic treatment of mice with nifedipin on hepatic cytochrom P-450 isoenzyme activities in comparison to enzyme activities in different species.“
- 1992 State Licence as medical doctor
- 1996 Board certification: Paediatrics and Adolescent Medicine

- Special qualification as emergency physician for newborns (acc to DÖGNPI)

- Education for paediatric nephrology

- additional certification in Paediatric ultrasonography of the thyroid gland of head and neck of the gastrointestinal tract and of female genitals

- Certification in addiction medicine in children and adolescents

- Certification in radiological diagnostics for thoracic organs

- Certification in basic psychosomatic medicine
- 2000 Board certification: Clinical Pharmacology
- 2003 Qualification as university lecturer (Habilitation) for „Clinical Pharmacology and Paediatric Pharmacology“ at the Eberhard-Karls University Tuebingen (Prof. Dr. Osswald) Title: „Relevance of genetic polymorphisms of P-glycoprotein and thiopurine S-methyltransferase for development and therapy of inflammatory bowel disease“

EMPLOYMENTS:

- 1990-1993 Civilian service as house officer and later as senior house officer at the Children`s Hospital, Nuernberg, Germany (Prof. Dr. H.Gröbe)
- 1993-1995 Senior house officer at the University Hospital of Children and Adolescents, Friedrich-Alexander University of Erlangen-Nuernberg,



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- Erlangen, Germany (Prof. Dr. C. Stehr)
- 1995-2001 in clinical pharmacology at the Dr. Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Stuttgart, Germany (Prof. Dr. M. Eichelbaum)
- 2000-2005 Coordinator of the research focus „Pharmacogenetics“ at the Dr. Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Stuttgart, Germany (Prof. Dr. M. Eichelbaum)
- 2001-2005 Senior physician and Head of the Research Unit for Clinical Trials and Drug Information Centre at the Dr. Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Stuttgart, Germany (Prof. Dr. M. Eichelbaum)
- 2005-2006 Visiting Professor, St. Jude Children’s Research Hospital, Department of Pharmaceutical Sciences, Memphis, Tennessee, USA (Prof. W.E. Evans; Focus on “Pharmacogenomics”)
- 2006 Decline of professorship for Clinical Pharmacology, Medical University Innsbruck, Austria
- Currently Professor and Chair of Clinical Pharmacology
Head of the D. Margarete Fischer-Bosch Institute of Clinical Pharmacology, Stuttgart
- Currently Department of Clinical Pharmacology,
Institute of Experimental and Clinical Pharmacology and Toxicology,
University Hospital, Tübingen

PROFESSIONAL SOCIETY MEMBERSHIPS AND HONOURS:

- 1983-1990 Scholarship according to the "Bayerischen Begabtenförderungsgesetz"
- 1998-present Full member of the "Committee of Drug Safety" of the German Society of Child and Adolescent Medicine (Chair: Prof. Dr. Seyberth, Marburg)
- 1999-2005 Member of the Research Committee at the Robert-Bosch Hospital, Stuttgart
- 2002-2004 Full Member of the Expert Group "Drugs for Children and Adolescents" at the German Federal Institute of Drugs and Medicinal products (BfArM)
- 2004-present Member of the Expert Group "HEXAL-linitiative drugs for children"
- 2004-present Member of the ethical committee of the Landesärztekammer Baden-Württemberg
- 2004 Friedrich Hartmut-Dost Award
- 2001-2004 extraordinary member of the CPMP Pediatric Expert Group (PEG) of the EMEA in London (authorized by German Society of Child and Adolescent Medicine)
- 2005 Galenus von Pergamon Award
- 2006-2009 Full member (2006) and Vice Chair (2008) of the Expert Group "Drugs for Children and Adolescents" at the German Federal Institute of Drugs and Medicinal products (BfArM)
- 2007-present Chairman of the board of scientist at the Robert-Bosch Hospital/IKP, Stuttgart
- 2007-present Member of the „Drug Commission of the German Medical Association (AkdÄ)
- 2008 Member of IUPHAR Division of Clinical Pharmacology - Sub-Committee Pharmacogenetics
- 2009 Re-Call: Full member and Vice Chair of the Expert Group "Drugs for



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- Children and Adolescents" according to AMG at the German Federal Institute of Drugs and Medicinal products (BfArM)
- 2009 Member of the medical executive board of the Robert Bosch Hospital, Stuttgart
 - 2009 Member of the Chair of the Comprehensive Cancer Center (CCC) of the University Hospital, Tuebingen
 - 2010 Full member of the American Society for Clinical Pharmacology and Therapeutics (ASCPT)
Member of the curatorship of the Natural and Medical Sciences Institute at the University of Tuebingen, Reutlingen (NMI)

PUBLICATIONS:

More than 230 publications and over 300 Talks

EDITORIAL BOARDS:

- From 2010 Section Editor "Personalized Therapy" of Genome Medicine
- Editor of "Pharmacogenet Genomics"
Clinical Chemistry
Therapeutic Drug Monitoring
The Open Clinical Chemistry Journal
- 2010 Editor together with W. Kaschka und E. Spina „Pharmacogenetics in Psychiatry

RESEARCH INTERESTS:

Pharmacogenomics / Epigenetics of drug metabolizing enzymes, drug transporters and nuclear receptors
Pharmacogenomics of anticancer and immunosuppressive drugs
Drug Interaction
Pediatric clinical pharmacology
Novel methodologies in genomic research

CONTACT:

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