

CURRICULUM VITAE – Michael Weiss

Personal Details

Born 06 February 1945, Thalheim (Erzgebirge), Germany

Present Position: Professor Emeritus

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Higher Education

1969: Diploma degree in physics (Dipl. Phys.), University of Leipzig.

1979: Ph.D. degree in biophysics, Martin Luther University, Halle-Wittenberg

1986: Dsc. degree (Dr.habil.), Pharmacology, Martin Luther University

Academic Appointments

1969-1971: Research Associate, Technical University, Chemnitz

1971-2010: Department of Pharmacology and Toxicology, Martin Luther University

1984-1992: Head, Pharmacokinetic Group

1988: Senior Lecturer in Pharmacology

1993: Professor of Pharmacokinetics and Pharmacodynamics

1993: Acting Head, Department of Pharmacology, Faculty of Medicine

1994-2010 Head, Section of Pharmacokinetics, Faculty of Medicine

2010: Professor Emeritus, Martin Luther University Halle-Wittenberg

Visiting Positions

Visiting Rosenstadt Professor, University of Toronto, 1989 -1990

Regular Visiting Professor at the University of Queensland, Brisbane, 2004-2011
(Supported by NHMRC and German Research Association , Project WE 2190/5-1)

Visiting Professor at the Naresuan University, Phitsanulok, Thailand, 2010 and 2011

Research Interests

Analysis and modelling of pharmacokinetic-pharmacodynamic (PK/PD) systems, PK/PD in isolated perfused organs (including receptor-mediated signal transduction), recirculatory models and initial distribution, system dynamics and

residence time distributions, population pharmacokinetics and pharmacodynamics.

Author of more than 150 peer reviewed papers and of the book "Theoretische Pharmakokinetik" (Berlin, 1990).

Member of Editorial Boards

Journal of Pharmacokinetics and Pharmacodynamics

International Journal of Clinical Pharmacology and Therapeutics

European Journal of Drug Metabolism and Pharmacokinetics

The Open Drug Delivery Journal

Drug Delivery Letter

ISRN Biomathematics

Invited Lectures 2004-2011

World Conference on Dosing of Anti-infective, Nurnberg, Germany, Oct. 2004

Workshop on Advanced Methods of Pharmacokinetic/Pharmacodynamic System

Analysis, Marina del Rey, CA, USA, May 2005

European Society of Anaesthesiology, Annual Meeting, Lisbon, Portugal, May 2004

AAPS Annual Meeting, San Antonio, TX, USA, Oct. 2006

Workshop on Advanced Methods of Pharmacokinetic/Pharmacodynamic System

Analysis. Marina del Rey, CA, USA, May 2007

Course on Modeling and Data Analysis in Pharmacokinetics and

Pharmacodynamics using ADAPT 5, Dresden, Germany, 2008

Concepts and Applications of Population-based IVIVE of ADME Properties,

Leiden, Netherlands, May 2009

AUS-CRS Conference, Hobart, Australia, Dec 2009

Pharm Sci World Congress, New Orleans, LA, USA, Nov 2010

Course on Modeling and Data Analysis in Pharmacokinetics and

Pharmacodynamics using ADAPT 5, Dresden, Germany, 2008

Anomalous kinetics and nonlinear dynamics in Biopharmaceutical Sciences,

Athens, Greece, June 2011

Course on Modeling and Data Analysis in Pharmacokinetics and

Pharmacodynamics using ADAPT 5, Leipzig, Germany, 2011