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(*02.10.1952)

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Scientific Training and Academic Career

- 1973 Studies in Chemistry, University of Düsseldorf
- 1974 - 1980 Studies in Veterinary Medicine, University of Gießen
- 1980 – 1982 PhD programme, German Cancer Research Facility (DKFZ), Heidelberg
- 1983 PhD, experimental pathology, University of Gießen
- 1985 – 1988 Postdoctoral fellowship, Institute of Immunology, University of Heidelberg
(grant position Deutsche Forschungsgemeinschaft)
- 1985 – 1987 Postdoctoral fellowship, National Cancer Institute, NIH, Laboratory of
Immunobiology, Frederick, MD, USA (Fogarty fellowship)
- since 5/1987 Head of the Laboratory of Immunochemistry, Institute of Immunology,
University of Heidelberg
- 1993 *Privatdozent* of Immunology, Medical Faculty, University of Heidelberg
- 1998 Specialisation in Immunology (*Fachtierarzt für Immunologie*)
- 1999 Professor of Immunology, Medical Faculty, University of Heidelberg
- 1999-2007 Chairmen of the PhD committee, Medical Faculty, University of Heidelberg
- 2001 Consultant Immunologist (DGfI)
- 2010 Chairman of the IUIS subcommittee of standardization of complement
analysis
- 2010 Honorary professor (Prof. h.c.), Huazhong University of Science and
Technology, Wuhan, China
- 2014 Member of the University board (senator)

- since 1982 Guest/visiting professorships, University of Sao Paulo, Brasil; University of
Riga, Latvia; University of Ljubljana, Slovenia; Tongji Medical Faculty,
HUST, Wuhan, China; University of Khartoum, Sudan

Memberships

German Society for Immunology (DGfI)
Henry Kunkel Society
International Complement Society
European Complement Network
European Society of Immunodeficiencies
IUIS

Research profile:

(I) Analysis of molecular mechanisms employed by tumours as well as by pathogenic microorganisms to escape the immune system. Strategies are developed to interfere with tumour evasion mechanisms aiming at to improve antibody cancer immunotherapy.

(II) Complement in inflammation (e.g. renal diseases and graft rejection, bioincompatibility); development of therapeutic strategies to interfere with complement-mediated tissue destruction.

III) Comprehensive complement analysis (accredited diagnostic lab) for national and international clinics and pharmaceutical institutions (preclinical, clinical studies). Coordination of the IUIS standardization programme on complement analysis (since 2010)

Teaching profile:

Lecturer in immunology since 1997; Senior lecturer/Assoc. Professor (PD) since 1993; Professor of Immunology since 1999.

Various courses of Methods and Didactics in Medical Teaching; Certificate 'Baden-Württemberg-Zertifikat für Hochschuldidaktik'.

Teaching award of the state Baden-Württemberg (2003).

Trainer in various Train-the-trainer programmes of the Medical faculty (since 2001), of the University of Heidelberg (since 2004) and adviser within international programmes (EU, China).

Curriculum development 'Heicumed': member of the steering committee (1998-2001).

Curriculum development at Medical Faculties, Bosnia-Herzegovina (2005-2008).

Curriculum development at Tongji Medical College, Wuhan, China (since 2007).

Publications:

>220 original publication in international peer-reviewed journals, reviews, book chapters and non PubMed listed publications.

Reviewer for international journals (e.g. Nature, J. Immunol., J. Biol. Chem., Int. J. Cancer).

Supervised doctoral fellows:

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