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### Education and Degrees

- |           |   |
|-----------|---|
| 1971-1980 | Secondary school, Otto-Hahn-Gymnasium in Bergisch Gladbach (NRW),<br>Abitur certificate   |
| 1982-1988 | University of Cologne, Studies in Chemistry<br>Pre-Diploma (July 1985)<br>Diploma (February 1989)   |
| 1988-1989 | Diploma thesis at the Institute of Biochemistry, Faculty of Science, University<br>of Cologne   |
| 1989-1993 | Doctoral thesis (PhD) at the Institute of Biochemistry, Medical Faculty,<br>University of Cologne with Prof. Dr. Dr. W. Stoffel<br><br>(title: Mitochondrial 3,2-trans Enoyl-CoA Isomerase: Purification, cloning,<br>expression and crystallization of the key enzyme in the $\beta$ -oxidation of<br>unsaturated fatty acids) |
| 07/1993   | PhD thesis ( <i>summa cum laude</i> )   |
| 05/2000   | Habilitation and <i>Venia legendi</i> in Biochemistry<br>(title: The Cytokine Receptor gp130: Ligand-binding and mechanism of<br>activation)  |
| 08/2006   | apl. Professor assignment   |

### Professional Positions

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|-----------------|---|
| 1988-1989       | Master student at the Institute of Biochemistry, Medical Faculty, University of<br>Cologne (Prof. Dr. Dr. W. Stoffel) |
| 1989-1993       | PhD student, Institute of Biochemistry, Medical Faculty, University of<br>Cologne (Prof. Dr. Dr. W. Stoffel)          |
| 08/1993-04/1994 | PostDoc at the Institute of Biochemistry, University Cologne<br>(Prof. Dr. Dr. W. Stoffel)                            |
| 05/1994-07/1994 | PostDoc at the Institute of Biochemistry, University Hamburg<br>(Prof. Dr. G. Mayr)                                   |
| 08/1994-10/1995 | PostDoc at the Institute of Biochemistry, RWTH Aachen University<br>(Prof. Dr. P. C. Heinrich)                        |

11/1995-11/2000 Staff member (C1) at the Institute of Biochemistry, RWTH Aachen University  
12/2000-11/2005 Staff member (C2) at the Institute of Biochemistry, RWTH Aachen University  
Since 01/2000 Responsibility for the core-facility Confocal Laser-scanning Microscopy  
Since 06/2001 Scientific Administrator of the Sonderforschungsbereich SFB 542  
Since 08/2006 Associate Professor at the Institute of Biochemistry, RWTH Aachen University

### **Main Research Areas**

- Cytokine signal transduction with emphasis on Jak/STAT signalling
- Confocal microscopy and advanced fluorescence techniques (F-techniques)
- Development of novel cytokine inhibitors
- Directed immobilization of cytokines on surfaces of biomaterials