

University of applied Sciences and Arts(FHNW)
School of Life Sciences
Institute for Chemistry and Bioanalytics
Head of Material Sciences and Bionanotechnology
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Home address

Renè-Schickelestrasse 1
D79379 Müllheim Baden

Persona Data

born 21. Juli 1959
in Warburg/Westfalen, Germany
married

Professional experience

Since 2006	School of Life Sciences, University of Applied Sciences Northwest Switzerland Lecturer for analytical chemistry, nanotechnology and material sciences, Head of (Bio) Nanotechnology and material sciences
2000-2006	University of applied Sciences FHBB Lecturer for analytical chemistry, nanotechnology and material sciences Head of (Bio) Nanotechnology and material sciences
1997-1999	Byk Gulden(Altana), Konstanz Head of DNA-Synthesis and Analytics in Division „New Technologies“
1991 - 1997	Ciba Geigy AG Basel / Novartis Central Research Labs (ZFL) / Novartis Pharma Research Chemist and Labhead in the section „Antisense-Therapeutics“
1989 - 1991	European Molecular Biology Laboratory (EMBL) Heidelberg (EMBL-Fellow)
1988-1989	Max-Planck-Institute for Experimental Medicine, Göttingen PostDoc

Studies and Education

1988	PhD Dr.rer.nat. („sehr gut“) at the Technical University Carolo-Wilhelmina zu Braunschweig
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1985 - 1988	Max-Planck-Institute for Experimental Medicine, Göttingen Dissertation under supervision of Prof. Dr. F. Cramer, „Synthesis, Characterization and application of Psoralen-modified oligonucleotides“
1984 - 1985	Max-Planck-Institute for Experimental Medicine, Göttingen, Diploma thesis under supervision of Prof. Dr. F. Cramer „Synthesis of Oligonucleotides, of defined sequence, with terminal heavy metal complexes as possible, artificial restriction enzymes“ Diploma („sehr gut“)
1980-1986	Studies of Chemistry University of Bielefeld (Prediploma) University of Göttingen (Diploma)

Qualifications / Supplemental

Since 2014 Faculty responsible of the University of Basel (Phil. Nat Faculty)

Awards

International Collano Recognition Award 2007

Expert Activities

Inet Nano
NTN – Innovative Surfaces Expert Member
Scientific Advisory Board HeiQ Materials (AG)
Nanoargovia SNI (Leitung des Moduls 6)
Applied Projects in Nanotechnology and Nanosciences) together with Prof. Dr. J. Gobrecht (Paul-Scherrer-Institute)
Expert KTI/BBT „Sciex international research Program“
Expert and Coeditor

Supervised Students

Supervisor of 5 PhD students between 2010-2019 (four ongoing)
Cosupervisor of 4 PhD thesis at the University of Basel
Currently supervisor of a research team of PostDocs (11), Technicians (2) PhD students(3), Scientific Researchers(4), Masterstudents (5)
