

***Natural product total synthesis
from different perspectives***

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Professional Career



Born 1965 in Ludwigshafen/Rhein
Undergraduate Studies in Heidelberg and Los Angeles (USC, G.A. Olah)
Dr. rer. nat. (Kekulé Fellowship) 1989-1991 (Univ. Marburg, M.T. Reetz)
Postdoctoral Research (NATO Fellowship) 1991-1992 (Harvard Univ., D.A. Evans)
Independent Research (Habilitation) 1992-1996 (Univ. Münster)
Professor (Universität Marburg) 1997-2000
Full Professor (TU Munich) since 2000

Elected Member of the German Academy of Sciences, Leopoldina (Halle, Saale) since 2006
Elected Member of the Bavarian Academy of Sciences and Humanities (Munich) since 2009

Research Interests

Photochemistry (stereoselective oxetane synthesis, Paterno-Büchi and other photocyclization reactions)
Total Synthesis of Natural Products (furanocembranolides, pyrrolidinol alkaloides, terpenes etc)
Metalorganic Chemistry (Lewis acid catalysis, Pd-catalysed cyclization reactions, amination reactions)