

Curriculum of Research

Personal Data

Name Prof. Dr. Rainer Herges
Place of Birth St.Ingbert (Saar) (06/55)

Affiliation

Institution Christian-Albrechts-Universität zu Kiel (CAU)
Institute Otto-Diels-Institute of Organic Chemistry
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Education / Training

1992 Habilitation, Institute of Organic Chemistry, University of Erlangen
1984 - 85 Postdoc, University of Southern California (with Prof. G. A. Olah)
1981 - 84 PhD, Institute of Organic Chemistry, Technical University Munich
(with Prof. I. Ugi; summa cum laude)
1981 Diploma Thesis
1975 - 1981 Studies of chemistry, University of Saarbrücken

Research Experience / Academic Appointments

2017 Visiting professorship at MIT (Boston)
since 2001 Chair of Organic Chemistry (C4), University of Kiel
2005 Visiting Professorship, University of Melbourne, Australia
1996 - 2001 Professor (C3), Technical University of Braunschweig
1998 Visiting Professorship, Stanford University, CA
1990 - 1996 Hochschulassistent (C1), University of Erlangen
1995 Visiting Professorship, École Normale Supérieure, Paris
1985 - 1990 Liebig Scholarship, University of Erlangen
1984 - 1985 Feodor Lynen Scholarship (PostDoc), University of Southern California

Awards / Functions

2020 Founder and majority shareholder of the startup company *herges-detection*
2019 Nozoe lectureship, Sapporo Japan
2015 Science Award of the City of Kiel
2014 Chair of selection board of Emil-Fischer-Medaille of GDCh
2013 Visiting professorship at the Australian National University
2012 Musher, Memorial Lecturer, Hebrew University
2009 Honorary Membership of the Israel Chemical Society
2008 Project Officer of the German Research Foundation
2007 Rubin lectureship, Technion, Haifa
2007-2019 Founder and Spokesman of the SFB 677 "Function by Switching"
2005 Wilsmore Fellowship, University of Melbourne
2002 Board Member of the GDCh division Computational Chemistry
1993 ADUC Award for Habilitands
1993 Chemical Structure Association Trust Award
1986 Liebig Scholarship of the Fonds der Chemischen Industrie
1986 Dissertation Award Technical University Munich
1984 Feodor Lynen Scholarship of the Alexander von Humboldt Foundation
1981 Dissertation scholarship of the Fonds der Chemischen Industrie

Research Areas

Synthetic Chemistry, Surface Chemistry, Supramolecular Chemistry, Computational Chemistry, Artificial Intelligence and Machine Learning in Chemistry