

Prof. Dr. Holger Gohlke



1 General information

Holger Gohlke, Prof. Dr., *7.4.1972

Institute for Pharmaceutical and Medicinal Chemistry
Heinrich Heine University Düsseldorf
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Current positions

- Professor (W3) of Pharmaceutical and Medicinal Chemistry, Heinrich Heine University Düsseldorf
- Head, NIC Research Group Computational Biophysical Chemistry ("im Nebenamt"), Forschungszentrum Jülich

2 University education with degree

1992 - 1997 Chemistry, Technical University Darmstadt, Diploma (Dipl.-Ing.) 1997

3 Scientific degrees

2000 Thesis, PhD, topic: Development of a knowledge-based scoring function to predict the structure and affinities of protein-ligand complexes, Philipps University Marburg, mentor: Prof. Dr. G. Klebe

4 Professional career since final degree

since 2020 Professor of Pharmaceutical and Medicinal Chemistry (W3), Heinrich Heine University, Düsseldorf, Germany

since 2017 Head, NIC Research Group Computational Biophysical Chemistry, Forschungszentrum Jülich

2015 - 2017 Managing director, Institute for Pharmaceutical and Medicinal Chemistry, Heinrich Heine University Düsseldorf

2009 - 2020 Professor of Pharmaceutical and Medicinal Chemistry (W2), Heinrich Heine University, Düsseldorf, Germany

2008 - 2009 Professor of Pharmaceutical and Medicinal Chemistry (W2), Christian Albrechts University, Kiel, Germany

2003 - 2008 Juniorprofessor of Molecular Bioinformatics (W1), Goethe University, Frankfurt, Germany

2001 - 2003 Research Associate, The Scripps Research Institute, La Jolla, CA, USA

2000 - 2001 Postdoctoral Fellow, Philipps University, Marburg, Germany

5 Other

Awards

2012 Novartis Chemistry Lectureship

2009 Hansch Award of The Cheminformatics and QSAR Society

2005 "Innovationspreis" in Medicinal/Pharmaceutical Chemistry of German Chemical Society (GDCh) and German Pharmaceutical Society (DPhG)

2003 PhD thesis award of Philipps University, Marburg

- 2001 Feodor-Lynen fellowship of Alexander von Humboldt foundation
1999 Fellowship of ESCOM Science foundation
1995 Awardee of Dr. Anton Keller foundation, Technical University, Darmstadt

Academic activities

- since 2019 Speaker, Research training group "Natural products and natural product analogs against therapy-resistant tumors and microorganisms: new lead structures and modes of action" (GRK 2158)
- since 2018 Member of the Board of Directors of the John von Neumann Institute for Computing (NIC)
- since 2016 Member of the Steering Committee, Collaborative research center „Identität und Dynamik von Membransystemen – Von Molekülen zu zellulären Funktionen“ (SFB 1208)
- since 2016 Co-Speaker "integriertes Graduiertenkolleg" (iGK), Collaborative research center „Kommunikation und Systemrelevanz bei Leberschädigung und Regeneration“ (SFB 974)
- since 2015 Member of the "Fakultätsrat der Mathematisch-Naturwissenschaftlichen Fakultät der Heinrich-Heine-Universität"
- 2012 - 2016 Member of the Faculty of the "Graduiertenkolleg" iGRASPseed
- 2010 - 2016 Member of the Faculty of CLIB Graduate Cluster Industrial Biotechnology
- 2009 - 2013 Member of the Board of Directors of NRW Research School Biostruct

Editorial activities

- 2013 Member of the Editor Search Committee of J. Chem. Inf. Model.
- since 2011 Member of the Editorial Advisory Board of J. Med. Chem.
- 2011 Member of the Computational Pre-Review Panel of J. Med. Chem.