CURRICULUM VITAE — HOLGER STARK, PH.D.

PERSONAL INFORMATION

Address: **HEINRICH HEINE UNIVERSITY DUESSELDORF, INSTITUTE FOR PHARMACEUTICAL AND MEDICINAL CHEMISTRY, UNIVERSITAETSSTR. 1, 40225 DUESSELDORF, GERMANY**

Telephone: +49 – 211 81 10478
Fax: +49 – 211 81 13359
E-mail: *stark@hhu.de*
Nationality: German



PROFESSIONAL POSITIONS

- • 2013 — Full professorship at Heinrich Heine University Duesseldorf (HHU, W3), Germany
- • 2008 — Call for full professorship at Leopold Franzens University Innsbruck/Austria (rejected)
- • 2007 — Full professorship at Goethe University (W3), Germany
- • 2005 — Call for full professorship at Technical University Carolo Wilhemina zu Braunschweig/Germany (rejected)
- • 2000 / 2001 – 2007 — Professor for Pharmaceutical / Medicinal Chemistry (C3), Johann Wolfgang Goethe University, Institute for Pharmaceutical Chemistry, Frankfurt am Main, Germany
- • 1993 – 1999 — Assistant Professor (Hochschulassistent) at Institute of Pharmacy, Free University Berlin
- • 1988-1993 — Scientific Worker at Institute of Pharmacy, Free University Berlin, Germany
- • 1987-1988 — Lecturer on pharmaceutical-analytical topics, Institute of Pharmacy, Free University Berlin
- • 1987 – 1990 — Part-time working pharmacist at Privilegierte Hof-Apotheke, Berlin, Germany

EDUCATION AND TRAINING

- • 2000 – today — Receptor ligands / enzyme inhibitors with different therapeutic targets, multiple co-operations
- • 1999 — Habilitation in Pharmaceutical Chemistry "Dopamine D_3 Receptor Ligands as Pharmacological Tools and Potential Drugs", Freie Universität Berlin, Germany; co-operation P. Sokoloff, Paris
- • 1996 – 2010 — Development of allosteric selective modulators of NMDA receptors, co-operation J.-M. Arrang, Paris, and W. Schunack, Berlin
- • 1992 – 1993 — Non-peptidergic direct activators of G proteins (co-operations with Schulz, Seifert, Schunack)
- • 1991 — Ph.D., "Drug Development of Prodrugs with Agonistic Active Compounds and of Antagonists of the Histamine H_3 Receptor", Free University Berlin, Germany (Supervisor W. Schunack); co-operation J.-C. Schwartz, Paris, and C.R. Ganellin, London; (summa cum laude)
- • 1990 – today — Supervising Ph.D., Master and Bachelor students on different topics in Medicinal Chemistry
- • 1987 — German Approbation as Pharmacist (mean graduation level: 1.53)
- • 1986 - 1987 — Practicum at Privilegierte Hof-Apotheke, Berlin, Germany
- • 1982 – 1986 — Study of Pharmacy at Free University Berlin, Germany

MEMBERSHIPS ETC.

- • 2023 – today — Histamine Research Society Europe (HRSE), co-founder, president
- • 2022 – today — Board member MedChem of GdCH
- • 2009 – today — Board member of European Actions, Cooperative in Science and Technology (COST), BM0806, CM1103, CM1207, CA15135, CA18133, CA21115, CA24130 on drug actions and developments
- EU COST Actions
- • 2017/2019 – today — (Scientific) Advisory Board Member, *MCULE* (2017 – 2019, Hungary) and *Priavoid* (2019 – today, Germany)
- • DPhG — Deutsche Pharmazeutische Gesellschaft e. V. (German Pharmaceutical Society; DPhG),
- • 2004 – 2013, 2014 - 2018 — - Chairman Hessia, Chairman Rhine area
- • FPS — Frankfurter Pharmazieschule e.V. (Pharmaceutical education Frankfurt; FPS), co-founder 2003,
- • 2003 – 2012 — - Deputy Chairman, constituent member
- • ZAFES — Zentrum für Arzneimittelforschung, -Entwicklung und –Sicherheit (Centre for Drug Research, Development and Safety; ZAFES), co-founder 2002,
- • 2002 – 2013 — - Member Zentrumsrat, constituent member
- • CMP — Center for Membrane Proteomics (CMP)
- • GDCh — Gesellschaft Deutscher Chemiker e.V. (German Chemical Society; GDCh)
- • EHRS — European Histamine Research Society (EHRS)
- IUPHAR — Subcommittee member – Histamine receptors (2013 – today)
- • IUPAC — Project "Practical Studies for Medicinal Chemistry - …" (TGM2004-028-1-700)
- • WARBURG GLYCOMED GmbH — Co-founder 2007, Chairman scientific advisory board (2007-2014)
- • PSITES PHARMA GmbH — Co-founder 2011, Chairman scientific advisory board (2011-2017) and some others

ACADEMIC SELF-GOVERNMENT

• 2019 - today	Deputy member Senate of HHU
• 2015 – 2025	Chairman of Scientific Unit Pharmacy (WE), HHU (deputy 2013-2015), member of faculty board
• 2011 – 2013	Pro-Dean of Faculty of Biochemistry, Chemistry and Pharmaceutical Sciences (FB14)
• 2011 – 2012	Director of Institute of Pharmaceutical Chemistry, Goethe University (2002-2011 deputy)
• 2009 – 2013	Member Fachbereichsrat Biochemistry, Chemistry and Pharmacy (deputy member 2003-2009)
• 2002 – 2013	Member of Committee on Learning and Study Affairs (LuSt)
• 2003 – 2009	Member Akkreditierungsrat II ASIIN (national and international accreditations)
• 2001 – 2008 • 2015 – 2025	Member of Committee on Ph.D. Affairs
• 2001 – 2006	Managing Chairman of Committee on Learning and Study Affairs in Pharmacy
• 2000 – today	Examiner and Deputy Chairman of Committee on Pharmaceutical Examination in Pharmacy for second (and third) governmental examinations (Berlin, Frankfurt, Duesseldorf)
• 1997 – 2000	Member Institutsrat Pharmazie, FU Berlin
• 1996 – 2000	Speaker of academic worker in Institute of Pharmacy, FU Berlin
• 1995 – 1998	Member Fachbereichsrat Pharmazie, FU Berlin

DISTINCTIONS AND HONORS

• 2025	#inovation award 2025 of North-Rhine Westfalia
• 2024	Honorary Member of European Histamine Research Society, co-founder of HRSE
• 2018	Honorary Member of the Polish Histamine Research Society
• 2018	Teaching Award HHU on “Innovative Teaching Concepts”
• 2016	Honorary Doctorate of the University of Nis, Serbia
• 2015-	NC-IUPHAR subcommittee member – histamine receptors
• 2011	Visiting Professor, Universita` di Catania/Sicily, Italy
• 2008	Hessian Academic *Excellence in Teaching 2008* „Project of working group or organisation unit“ 4. Place on teaching competence
• 2008, 2012	Science❹Life Venture Club (*Phase 02 – bussiness plan*) 6.-10. places Warburg Glycomed and PSites Pharma GmbH (two co-founded companies)
• 2007-	IUPAC FELLOW
• 1998	Price for an Outstanding Scientific Contribution, EHRS, Lodz, Poland
• 1997 • 2004 • 2025	PHOENIX scientific prices on Pharmaceutical Chemistry and Pharmacology, Germany
• 1992	Joachim-Tiburtius-Preis of the Land Berlin for an extraordinary Ph.D. thesis, Germany
• 1992, 1994, 2000, 2002, 2004, 2008, 2009, 2010, 2011, 2017, 2019, 2022, 2026	Poster prices on international meetings (ISMC: Basel/Switzerland; EHRS: Budapest/Hungary, Nemi (Rome)/Italy, Eger/Hungary, Cologne/Germany, Stockholm/Sweden, Fulda/Germany, Sochi/Russia, San Diego/USA, Brunswick/Germany, Bern/Switzerland, Catanzaro/Italy etc.

PUBLICATIONS

More than 430 original papers, review articles and book contributions (h-factor 51-71)
More than 900 national and international lectures and poster presentations

13 international patents with more than 90 national and divisional filings

JOURNAL RESPONSIBILITIES

Archiv der Pharmazie – Chemistry in Life Sciences; Editor-in-Chief, 2004 - 2019
Current Medicinal Chemistry – Central Nervous System Agents; Editorial Advisory Board
Current Medicinal Chemistry – Central Nervous System Agents; Guest Editor 2002, 2(3).

Medicinal Chemistry Reviews – Online; Editorial Advisory Board -2005

Die Pharmazie; Editorial Advisory Board (2002-2025)

Medicinal Chemistry; Editorial Advisory Board (2005-2017)

Current Medicinal Chemistry; Editorial Advisory Board, Letters in Drug Design; Editorial Advisory Board, Drug, Design and Development; Editorial Advisory Board, Pharmakon - Arzneimittel in Wissenschaft und Praxis, Guest Editor and some others

RESEARCH INTERESTS

Medicinal Chemistry: Drug research for CNS drugs/neurotransmitters, dopamine receptor subtypes, histamine receptor subtypes, NMDA receptors, lipids, sphingolipids, biomarkers (fluorescence ligands), radioligands (PET, SPECT), prodrugs, partial agonists, inverse agonists, allosteric modulators, hybrid compounds, molecular modelling, metabolic enzymes, Parkinson’s disease, Alzheimer’s disease, drug addiction, inflammation, immunology, orphan diseases (narcolepsy, Prader-Willi syndrom etc.) etc.