

Curriculum vitae

Christa E. Müller

Born: April 4, 1960 (female)
Full Professor of Pharmaceutical Chemistry (W3)
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Education and Professional Experience

1980-1984	Study of Pharmacy at the University of Tübingen, Germany
1985	German licensure (Approbation) as a pharmacist
1985-1988	PhD (Dr. rer. nat) in Pharmaceutical Chemistry , University of Tübingen
1989-90 and 1992	Exchange scientist at the Laboratory of Bioorganic Chemistry, National Institutes of Health , Bethesda, Maryland, USA , with Dr. John W. Daly
1994	Habilitation (Dr. rer. nat. habil.) in Pharm. Chemistry, Univ. of Tübingen
1994-1998	Associate Professor (C3) for Pharm. Chem., University of Würzburg
Since 1998	Full Professor (C4/W3) for Pharm. Chem., University of Bonn
2001-2004	Vice-Rector for Planning and Finances , University of Bonn
2007	Co-founder in charge of the PharmaCenter Bonn
Since 2007	Director (or alternating Deputy Director) of the PharmaCenter Bonn (PZB)
2008	Founding of the Bonn International Graduate School (BIGS) Drug Sciences (BIGS-DrugS) and member of the BIGS Advisory Board
2010-2015	Vice-Rector for Public and International Relations , University of Bonn
Since 2013	Associate Editor of RSC Medicinal Chemistry (previous name: MedChemComm), Royal Chemical Society, London
Since 2015	President of the German Purine Club (2010-2014: Vice-President)
2016	Vocation to a Chair in Pharmaceutical & Medicinal Chemistry at the University of Kiel (declined)
Since 2018	Associate Editor of the scientific journal Purinergic Signalling
Since 2020	Elected member of the DFG review board for pharmacy
Since 2020	Elected Vice-President for Research of the German Pharmaceutical Society (DPhG)

Research Interests

Medicinal chemistry and pharmacology of purine binding membrane proteins (purine/pyrimidine receptors; ecto-nucleotidases); lipid-activated and orphan G protein-coupled receptors, G proteins; (bio)analytical studies; novel methods in medicinal chemistry (e.g. X-ray crystallography of membrane proteins), coronavirus therapeutics.

Honors, Distinctions, Fellowships & Awards (Selection)

1989-1992	DFG postdoctoral fellowship
1992	Scholarship of the National Cancer Institute , NIH, USA
2004-2008	Member of the NATO Science Committee CBP (Chemistry/Biology/Physics) Advisory Panel ("Science for Peace")
2005	Appointment as a member of the editorial board of "Purinergic Signalling"
2005-2010	Appointment as a member of the Scientific Advisory Board Neuro-Research of the Research Center Jülich

2007	Appointment as a member of the Scientific Committee of the Research Association of Pharmaceutical Producers (FAH)
Since 2009	Member of the Paul Ehrlich MedChem Euro PhD Network and local coordinator
2008-2016	Member of the selection committee of the Humboldt (AvH) Foundation
2010	PHOENIX Science Award in Pharmacy/Pharmaceutical Chemistry
2010-2013	Trusted person for implementing good scientific practice at the BfArM (German Federal Institute for Drugs and Medical Devices)
2011-2019	Member of the Board of Directors of the Joint Medicinal Chemistry Section of the German Chemical and Pharmaceutical Societies (GdCH/DPhG); part of the term also member of the Information and Communication Committee of the European Federation of Medicinal Chemistry (EFMC)
2011 and 2015	Research Prizes of Alzheimer Forschung Initiative e.V.
2012/2013/2014	Neuroallianz Publication Award in Gold (2013, 2014) and in Silver (2012, 2013, 2014)
2012-2015	Member of the Scientific Board of the Faculty of Life Sciences, University of Vienna, Austria
Since 2016	Member of the DZNE Translational Board (reviewer of grant proposals)
2013	Prize for Inventors by the Ministry of North-Rhine Westfalia
Since 2014	International Advisory Board Member of ChemMedChem
Since 2015	Scientific Board Member of the Institute of Science and Ethics (IWE), Bonn
2015-2019	Member of the Advisory Board of the Klaus Grohe Foundation
Since 2016	Member of the Editorial Board of Bioorganic and Medicinal Chemistry (BMC) and BMC Letters
2016-2018	Editorial Board of Scientific Reports, Nature Publishing Group
2016-2019	Member of the Advisory Board of the PhD-Program, School of Pharmacy, University of Lisbon, Portugal
2016-2020	Board Member of the European COST consortium MuTaLig (multi-target ligands) focused on medicinal chemistry
2017	Vocation to become a member of the Scientific Board of the BfArM (Federal Institute for Drugs and Medical Devices)
2018	Nauta Award for Medicinal Chemistry and Chemical Biology of the European Federation of Medicinal Chemistry (EFMC)
2019	Tony Holy Lecture Award , Prague, Czech Republic

More than **450** scientific **publications** and **patents**, **H-Index >70** (Google Scholar, 12/2020) e.g. in Nature (3), Nat. Commun. (3), Nat. Protocols (1), Sci. Advances (1), Sci. Transl. Med. (3), Sci. Signal. (1), J. Med. Chem. (45), Angewandte Chemie (3), Biochem. Pharmacol. (10), Br. J. Pharmacol. (3), Pharmacol. Rev. (1).