

Curriculum Vitae

Prof. Dr. rer. nat. Eva Freisinger

Personal Data

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Professional Experience

09/2018 – present Associate Professor for Bioinorganic Chemistry and Chemical Biology, Department of Chemistry, UZH
 06/2014 – 08/2018 Principle Investigator / Group leader, Department of Chemistry, UZH
 06/2008 – 05/2014 *SNSF Professorship* of the SNSF, Institute of Inorganic Chemistry, UZH
 03/2003 – 05/2008 *Oberassistentin* in the group of Prof. Dr. H. G. H. Berke, Institute of Inorganic Chemistry, UZH
 06/2000 – 02/2003 Postdoctoral research fellow with Prof. Dr. C. Kisker, Center for Structural Biology, SUNY Stony Brook, NY, USA

Education: University

05/2014 Habilitation, Department of Chemistry, UZH
"Spectroscopic and structural investigation of plant metallothioneins"
 09/1996 – 04/2000 Graduate research fellow with Prof. Dr. B. Lippert, Department of Chemistry, University of Dortmund, Germany, Ph.D. thesis *"Structural investigation of metal ion coordination to model nucleobases"*
 10/1991 – 08/1996 Studies of Chemistry, University of Dortmund, Germany, Diploma thesis *"Structural analysis of the protonation of and metal coordination to nucleobases: Analogies and differences"* in Bioinorganic Chemistry with Prof. Dr. B. Lippert, Department of Chemistry, University of Dortmund, Germany

Scientific Services and Organization

2019 Chair of the *19th International Conference on Biological Inorganic Chemistry (ICBIC 19)* in Interlaken, Switzerland, together with Prof. Roland Sigel
 2016 – present Member of the *Massive Open Online Courses (MOOC)* Committee, Faculty of Sciences
 2016 – 2018 Representative of the PD/TP association in the *Faculty Advisory Board*
 2015 – 2018 Representative of the PD/TP association in the *Faculty Assembly*
 2015 – present Permanent Member of the International Organizing Committee of the *ICBICs*
 2014 – present Secretary of the *European Biological Inorganic Chemistry Conference Series (EuroBIC)*
 2014 Chair of *EuroBIC 12* at UZH together with Prof. Roland Sigel
 2014 Co-organizer of the COST CM1105 3rd Whole Action Meeting, UZH
 2013 – present Permanent Member of the International Advisory Board of the conference series *International Symposium on Applied Bioinorganic Chemistry (ISABC)*
 2012 – 2016 Head of Working Group 2 (*"Emerging nucleic acid targets (beyond the double helix)"*) of the COST Action CM1105 (*"Functional metal complexes that bind to biomolecules"*)
 2009 – 2016 Advisory board member for the Peer Mentoring Program *Female Scientists in Structural Biology* within the NCCR Structural Biology
 2009 – 2013 Head of the curriculum committee of the Department of Chemistry
 2006 – 2010 Representative of the associated members in the steering committee of the PD/TP association
 2006 – present Member of the steering committee of the CMSZH Graduate School
 2006 – present Member of the *Studienkommission* of the Faculty
 2004 – 2013 Study advisor of the Institute of Inorganic Chemistry

Referee of Journal Articles

– Accounts Chem. Res. – ACS Omega – Angew. Chem. – Aquat. Toxicol. – BioEssays – Bioscience Rep. – BMC Biotechnol. – Cereal Chem. – ChemBioChem – Chem. Commun. – Chem. Eur. J. – Chem. Sci. – Chirality – Coord. Chem. Rev. – Dalton Trans. – Environ. Sci. Technol. – FEBS Lett. – Inorg. Chem. – Inorg. Chim. Acta – Int. J. Biol. Macromol. – Int. J. Environ. Analyt. Chem. – Int. J. Mol. Sci. – J. Am. Chem. Soc. – J. Biol. Chem. – J. Biol. Inorg. Chem. – J. Inorg. Biochem. – J. Plant Physiol. – J. Plant Res. – Metallomics – Methods – Molecular Ecology – New. Phytol. – Phytochemistry – Plant Biol. – Plant Physiol. Biochem. – Plant Syst. Evol. – PLOS One – Protein Expres. Purif. – Z. Anorg. Allg. Chem.

Editorial Positions

2018 – present Editorial Board Member, *J. Inorg. Biochem.*
 2017 – present Co-editor of the *Metal Ions in Life Sciences* book series from Volume 18 on
 2014 – 2018 Section Editor for Bioinorganic Chemistry, *Int. J. Mol. Sci.*

Member of the Following Chemical Societies

– Chemical Society Zurich (CGZ), since 2008 – Society of Biological Inorganic Chemistry (SBIC), since 2003
 – Swiss Chemical Society (SCG), since 2005 – Swiss Society for Crystallography (SSCr), since 2004

Teaching

Undergraduate Classes [student numbers from last semester taught]

CHE904.1 (2016 –) Teaching Chemistry (Undergraduate coaching by Master students) 2 h/week [4]
 CHE175.1 (2015 –) Chemistry Basics for Biomedicine, 5 h/week [270]
 CHE175.2 (2015 –) Chemistry Basics for Biomedicine, Exercises, 1 h/week [270]
 CHE102.2 (2003 –) Tutorial for General & Inorganic Chemistry (R. K. O. Sigel), 2 h/week [105]
 CHE324.1 (2007 –) Structural and Mechanistic Bioinorganic Chemistry (F. Zelder), 4 h for 2 weeks [17]
 >> *Metal homeostasis and detoxification*
 CHE170.1 (2004 – 2014) General & Inorganic Chemistry for Biologists (R. K. O. Sigel), 4 h for 7 weeks [293]
 CHE321.1 (2003 – 2008) Advanced Lab Course in Inorganic Chemistry II (R. Alberto), 6 h/week [15]
 2508 T (WS 03/04) Lab Course in General Chemistry for Chemists (H. Berke), 8 h/week [23]

Graduate Classes [student numbers from last semester taught]

(2010 – 2012) MLS Graduate School Course: Protein Purification for Beginners, 1 week [6]
 CHE604.1 (FS 2011) Advanced Analytical Methods (R. K. O. Sigel), 4 h for 1 week [6]
