

## Curriculum Vitae

### PD Dr. rer. nat. Eva Freisinger

#### Personal Data

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 Citizenship: German, Swiss  
 Languages: German (mother tongue), English (fluent), Dutch



#### Professional Experience

06/2014 – present 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 19<sup>th</sup> International Conference on Biological Inorganic Chemistry (ICBIC 19) in Interlaken, Switzerland, together with Prof. Roland Sigel  
 2017 – present Co-editor of the *Metal Ions in Life Sciences* book series from Volume 18 on  
 2016 – present Member of the Massive Open Online Courses (MOOC) Committee, Faculty of Sciences  
 2016 – present Representative of the PD/TP association in the Faculty Advisory Board  
 2015 – present 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 3<sup>rd</sup> Whole Action Meeting, UZH  
 2014 – present Section Editor for Bioinorganic Chemistry, *Int. J. Mol. Sci.*  
 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 – present 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**

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– Accounts Chem. Res. – Angew. Chem. – Aquat. Toxicol. – BioEssays – Bioscience Rep. – BMC Biotechnol. – Cereal Chem. – ChemBioChem – Chem. Commun. – Chem. Eur. J. – Chirality – Coord. Chem. Rev. – Dalton Trans. – Environ. Sci. Technol. – FEBS Lett. – Inorganic Chemistry – Inorganica Chimica 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 Research – Metallomics – Methods – Molecular Ecology – New. Phytol. – Phytochemistry – Plant Biology – Plant Physiol. Biochem. – Plant Syst. Evol. – PLOS one – Protein Expres. Purif. – Z. Anorg. Allg. Chem.

**Member of the Following Chemical Societies**

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– 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**

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**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]

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