

Biography Jens Müller

Jens Müller is Professor of Inorganic Chemistry at the University of Münster (Germany). In 1999, he received his PhD from TU Dortmund University, where he investigated, under the guidance of Prof. Bernhard Lippert, the role of metal ions in the stabilization of parallel-stranded DNA. From 2000 – 2002, he carried out postdoctoral research as a Feodor Lynen fellow (Alexander von Humboldt Foundation) in the labs of Prof. Steve Lippard (MIT) and Prof. Gerhard Wagner (Harvard Medical School), working on the structure determination of methane monooxygenase reductase from *M. capsulatus* (Bath) by NMR spectroscopy. In 2002, he returned to TU Dortmund University to establish his independent research career. After obtaining his *Habilitation* degree, he moved to the University of Münster as a W2 professor in 2008. In 2020, he was promoted to W3 professor.



Jens' current research focuses on the bioinorganic chemistry of nucleic acids, with a particular interest in metal-mediated base pairs and their applications. The stabilization of nucleic acid quadruplexes by metal complexes and the covalent conjugation of nucleic acids with phosphorescent metal complexes represent other research directions of his lab. The international visibility of his work is documented by regular invitations to lecture at conferences and symposia, including plenary and keynote lectures at EuroBIC, ICBIC, and other meetings dedicated to biological inorganic chemistry.

Jens is a passionate scientist and teacher, as exemplified by three students' awards for best chemistry course. Jens served the community as chairman of the European research network COST Action CM1105 ("Functional metal complexes that bind to biomolecules"), as editorial board member of the *Journal of Inorganic Biochemistry* (2016 – 2020), and as a member of the local organizing committees of various conferences and meetings (e.g. COST D20 conference, EuroBIC-7). Since 2018, Jens is editor of *Inorganica Chimica Acta*. He was guest editor of several themed issues in chemistry journals and, together with Prof. Bernhard Lippert, of the recently published volume 25 of the MILS series ("Modern Avenues in Metal-Nucleic Acid Chemistry"). Together with Prof. Sonja Herres-Pawlis and Prof. Nils Metzler-Nolte, he is organizing EuroBIC-17, which will take place in Münster in 2024. He has been a member of SBIC since 2001. As a member of the SBIC council, he will be committed to foster early career researchers, to promote underrepresented groups in biological inorganic chemistry, and to advance this fascinating field of chemistry in general.