



Prof. Dr. Siegfried R. Waldvogel

Siegfried R. Waldvogel studied chemistry in Konstanz/Germany and received his PhD in 1996 from the University of Bochum/Max-Planck-Institute for Coal Research with Prof. Dr. M. T. Reetz as supervisor. After Postdoctoral research at the Scripps Research Institute in La Jolla, California (Prof. Dr. J. Rebek, jr.), he started his research career in 1998 with a habilitation at the University of Münster. In 2004, he moved to the University of Bonn as professor for organic chemistry. In 2010, he became full professor at the Johannes Gutenberg University Mainz. His main research interests are organic electrochemistry, oxidative coupling reactions with Mo^V-reagents, and supramolecular sensing. Since having a strong synthetic background, he focused onto the utility of the molecular electrochemical conversions. In particular, the Waldvogel lab covers the whole range of electrolysis development starting from screening techniques up to upscaling electrosynthetic conversions. Several of these conversions have a strong technical impact and allow a short-cut of many synthetic steps. Anodic as well as cathodic transformations are investigated and outlined in almost 220 publications/patents in this respective area.

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