

CV Prof. Dr. Uwe Sauer, Molecular Systems Biology, ETH Zürich



Born in Kassel (Germany) on February 5th 1963, he studied biology at the University Göttingen, where he obtained his PhD in microbiology with Professor P. Dürre in 1993. After two years of postdoctoral research at the Institute of Biotechnology (ETH Zurich), he headed the Microbial Metabolic Engineering group under the supervision of Prof. Bailey at the same Institute from 96-99. Starting in 2000, he developed the independent research group Applied Systems Biology and was elected professor for systems biology in 2006 at the Institute of Molecular Systems Biology.

His research focusses on the regulation of complex metabolic networks, in particular the interaction between metabolites and proteins. His lab has pioneered technology development in the area of metabolomics and flux analysis with isotopic tracers, and on data integration within computational models. Since 2015 he is president of the ETH Research Commission.

Since 2012, Uwe Sauer is Full Professor for Systems Biology in the Institute for Molecular Systems Biology at the ETH Zurich.