

Peter J. Sadler

Peter obtained his BA, MA, and DPhil in bioinorganic chemistry at the University of Oxford in the laboratories of Professors Allen Hill and Bob Williams. Subsequently he was a Medical Research Council (MRC) Research Fellow in Molecular Pharmacology at the University of Cambridge and National Institute for Medical Research, Mill Hill UK. From 1973-96 he was Lecturer, Reader and Professor at Birkbeck College, University of London, and from 1996-2007 Crum Brown Chair of Chemistry at the University of Edinburgh. In Edinburgh, he was also director of the Edinburgh Protein Interaction Centre, and EastChem Cancer Research UK Medicinal Chemistry Centre.

He 1996, he founded the European COST Action D8 “Chemistry of Metals in Medicine” in which 100 laboratories in 23 European countries participated. Subsequently he participated in COST Actions D20, Metal Compounds in the Treatment of Cancer and Viral Diseases, D39, Metallo-Drug Design and Action, and CM1105, Functional Metal Complexes that Bind to Biomolecules.

In 2007, he became Head of the Department of Chemistry at the University of Warwick, where he is now a Professor. From 2010-15, he was a European Research Council Advanced Investigator, and from 2012-15 Mok Hing Yiu Distinguished Visiting Professor in Chemistry at the University of Hong Kong.

He is a Fellow of the Royal Society of Chemistry (FRSC), Royal Society of Edinburgh (FRSE) and the Royal Society of London (FRS), and an EPSRC RISE Fellow (Recognising Inspirational Scientists and Engineers). He is also an Honorary Fellow of the Chemical Research Society of India, and the Chinese Chemical Society, and a Doctor *honoris causa* (DUniv) of the University of Surrey.

His research on the chemistry of metals in medicine is focused on the design of metallodrugs with novel mechanisms of action, including catalytic organometallic complexes and photoactivatable metallo-prodrugs, and the role of metals in the brain. He is also investigating the effect of the molecular clock (circadian rhythm, chronotherapy) on the metabolism of metals and metallodrugs, and metal coordination chemistry and dynamics at the single-atom level. He has published about 650 papers and filed 25 patent applications.