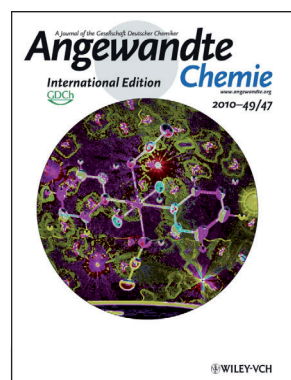




P. J. Sadler

The author presented on this page has recently published his **10th article** in *Angewandte Chemie* in the last 10 years:

“Two-Photon-Activated Ligand Exchange in Platinum(II) Complexes”: Y. Zhao, G. M. Roberts, S. E. Greenough, N. J. Farrer, M. J. Paterson, W. H. Powell, V. G. Stavros, P. J. Sadler, *Angew. Chem.* **2012**, 124, 11425–11428; *Angew. Chem. Int. Ed.* **2012**, 51, 11263–11266.



The work of P. J. Sadler has been featured on the inside cover of *Angewandte Chemie*:

“A potent *Trans*-Diimine Platinum Anticancer Complex Photoactivated by Visible Light”: N. J. Farrer, J. A. Woods, L. Salassa, Y. Zhao, K. S. Robinson, G. Clarkson, F. S. Mackay, P. J. Sadler, *Angew. Chem.* **2010**, 122, 9089–9092; *Angew. Chem. Int. Ed.* **2010**, 49, 8905–8908.

Peter J. Sadler

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Position:	Professor of Chemistry, University of Warwick; Mok Hing Yiu Distinguished Visiting Professor in Chemistry, University of Hong Kong
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Education:	1969 BA, University of Oxford 1972 MA and DPhil supervised by Professors H. A. O. Hill and R. J. P. Williams, University of Oxford 1971–1973 Medical Research Council Research Fellow, Molecular Pharmacology, University of Cambridge, and National Institute for Medical Research, London
Awards:	2005 Fellow of the Royal Society of London (FRS); 2006 Marlies and Hans Zimmer International Scholar, University of Cincinnati; 2008 Davison Lecturer, Massachusetts Institute of Technology; 2009 Glenn T. Seaborg Lecturer, University of California, Berkeley; 2010 Australian Academy of Science Selby Fellow
Current research interests:	Medicinal inorganic chemistry; bioinorganic chemistry; inorganic biochemistry; metals in medicine
Hobbies:	Amateur dramatics (plays, musicals); playing the clarinet, guitar, and piano; painting (watercolor, acrylic); gardening; sport

My biggest motivation is ... the excitement of discovery.

My favorite piece of research is ... a discovery that you had not intended to make in the first place.

My greatest achievement has been ... playing right-back in my junior-school champion soccer team!

When I'm frustrated, I ... play the piano (badly!).

The most amusing chemistry adventure in my career was ... encouraging my first year undergraduates to say the names of and write the chemical symbols for the first 103 elements on a blank periodic table in the shortest possible time.

My favorite food is ... ripe pears.

My favorite songs are ... D Dur Polsken (Skalded); Tell Me How (Nancy Griffith); The Closest Thing to Crazy (Katie Melua).

My favorite place on earth is ... Hawaii.

My secret passion is ... to continue my undergraduate days as lead singer in a rock band!

If I were not a scientist, I would be ... painting, or performing in musical theatre.

My 5 top papers:

1. “Organometallic Ruthenium and Iridium Transfer-Hydrogenation Catalysts Using Coenzyme NADH as a Cofactor”: S. Betanzos-Lara, Z. Liu, A. Habtemariam, A. M. Pizarro, B. Qamar, P. J. Sadler, *Angew. Chem.* **2012**, 124, 3963–3966; *Angew. Chem. Int. Ed.* **2012**, 51, 3897–3900. (Can organometallic anticancer complexes form hydride complexes in cells?)
2. “A potent *Trans*-Diimine Platinum Anticancer Complex Photoactivated by Visible Light”: N. J. Farrer, J. A. Woods, L. Salassa, Y. Zhao, K. S. Robinson, G. Clarkson, F. S. Mackay, P. J. Sadler, *Angew. Chem.* **2010**, 122, 9089–9092; *Angew. Chem. Int. Ed.* **2010**, 49, 8905–8908. (Excited-state drugs offer the prospect of novel mechanisms of action and fewer side-effects.)
3. “Inhibition of Cancer Cell Growth by Ruthenium(II) Arene Complexes”: R. E. Morris, R. E. Aird, P. del S. Murdoch, H. Chen, J. Cummings, N. D. Hughes, S. Parsons, A. Parkin, G. Boyd, D. I. Jodrell, P. J. Sadler, *J. Med. Chem.* **2001**, 44, 3616–3621. (Half-sandwich organometallic complexes offer a rich platform for drug design.)
4. “Highly Selective Binding of Organometallic Ruthenium Ethylenediamine Complexes to Nucleic Acids: Novel Recognition Mechanisms”: H. Chen, J. A. Parkinson, R. E. Morris, P. J. Sadler, *J. Am. Chem. Soc.* **2003**, 125, 173–186. (Both the metal and the ligands can play major roles in the recognition of target sites for metallodrugs.)
5. “Interdomain zinc site on human albumin”: A. J. Stewart, C. A. Blindauer, S. Berezenko, D. Sleep, P. J. Sadler, *Proc. Natl. Acad. Sci. USA* **2003**, 100, 3701–3706. (An insight into how zinc is transported by albumin in blood.)

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