

# WILSON BAKER SYMPOSIUM

WEDNESDAY 17<sup>TH</sup> MARCH 2010

LECTURE THEATRE 3

## PROGRAMME

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| 13.45 | Tea and Coffee (West Foyer)  |
| 14.05 | <b>Welcome and Opening Remarks</b><br>Professor Richard Evershed<br><i>University of Bristol</i>   |
| 14.10 | <b>Programming: the link between the genome and chemistry in fungi</b><br>Professor Russell Cox<br><i>University of Bristol</i>  |
| 14.50 | <b>Using microbial lipids to probe the interface between life and the environment</b><br>Dr Richard Pancost<br><i>University of Bristol</i>  |
| 15.30 | Tea and Coffee (West Foyer)  |
| 16.00 | <b>WILSON BAKER LECTURE</b><br><b>Organic chemistry to the rescue of plant genetics</b><br>Professor John Pickett CBE FRS<br><i>Rothamsted Research</i><br><br>Chair - Professor Tom Simpson FRS FRSE<br><i>Head of Organic &amp; Biological Chemistry</i> |
| 17.00 | Closing Remarks  |
| 17.15 | Wine Reception   |

## PREVIOUS WILSON BAKER LECTURES

1966	A J Birch	Some Chemical Aspects of Biosynthesis
1967	E Vogel	Benzene Oxide-Oxepine Valence Tautomerism
1969	E Lederer	Structure and Biochemistry of Complex Mycobacterial Lipids
1970	D Ginsberg	Propellanes
1971	P de Mayo	Flash Thermolysis: a New Synthesis Technique
1972	A Eschenmoser	Total Synthesis of Vitamin B <sub>12</sub>
1973	P D Bartlett	Some Aspects of Singlet Oxygen Chemistry
1974	W Nagata	Hydrocyanation in Natural Product Synthesis
1975	R H Martin	Synthetic Spiral Molecules
1976	Wilson Baker	Some Personal Connections and Recollections of a Chemist
1978	J-M Lehn	Crown-ethers and Related Compounds
1979	G Maier	Tetra- <i>tert</i> -butyltetrahedrane: A Highly Strained Molecule
1980	A R Battersby	Chemical Adventures (Porphyrins)
1981	C W Rees	A New Aromatic System
1982	J I G Cadogan	The Energy Problem: Some Chemical Initiatives
1984	H A Staab	New Aspects of Charge Transfer Interactions as Derived from Donor-Acceptor Cyclophanes
1985	J F W McOmie	Forty Years of Aromatic and Not-So-Aromatic Chemistry
1986	K P C Vollhardt	Cobalt-Mediated [2+2+2]Cycloadditions in the Synthesis of Natural and Unnatural Products
1987	M C Whiting	Pure n-Paraffins as Models for Linear Polyethylene
1988	J E Baldwin	Biosynthetic Pathways to Penicillins and Cephalosporins
1989	G Wulff	Molecular Recognition in Polymers by Imprinting with Templates
1990	J MacMillan	Gibberellin Plant Hormones
1991	P D Magnus	Synthesis of Diynene Antitumour Agents
1992	D Arigoni	Synthesis and Detection of Chiral <i>t</i> -Butyl Groups
1993	G Eglinton	Molecular Signals from the Past
1994	S V Ley	Synthesis and Chemistry of Azadirachtin
1995	J F Stoddart	Self-Assembly in Organic Synthesis
	P Kocienski	Applications of $\pi$ -Allyl Molybdenum Complexes in Natural Product
2000	&	Synthesis
	F Diederich	Covalent Fullerene Chemistry: Regio- and Stereoselective Multiple Functionalisation, Chirality and Supramolecular Materials
2001	G Pattenden	Synthetic Studies Towards Target Natural Products
2002	R W Alder	The Chemistry of Diaminocarbenes
2003	J Staunton	New Drugs from Old Bugs – Efforts to Engineer Biosynthetic Pathways
2004	L Mander	Enabling Strategies for the Assembly Complex Polycyclic Natural Products
2005	S Warren	Ph <sub>2</sub> PO: A Migrating Functional Group in Organic Synthesis
2006	C Robinson	Mass Spectrometry of Non Covalent Complexes – More than the sum of the parts
2008	S Withers	Engineering and Evolution of Old Enzymes for New Tasks: Glycoside Assembly
2009	G Morris	Memoirs of an INEPT and DOSY NMR Technician