

BCA Winter Meeting 2010
Hosted by School of Biological Sciences, University of Reading
“Protein – Metal Interactions: transport and signalling”

Meeting schedule

10.00 - 11.00 am. **Registration** and refreshments (**Black Horse House**)

Session I (Palmer 1.03). 11:00 – 12:45 pm. Chair: Kim Watson (Reading)

11:00 - 11:15 am. Opening address by the BCA president, **Elspeth Garman** (Oxford)

Metals in biology

11:15 – 11:45 am **Chris Schofield** (Oxford) “Structural biology of oxygen sensing in humans and other animals”

11:45 – 12:15 pm **Ben Bax** (GSK) “Catalytic and non-catalytic metals and the inhibition of bacterial type IIA topoisomerases”

12:15 – 12:45 pm **Wyatt Yue** (SGC, Oxford) "Structural insights into vitamin B12 metabolism: The story of a cargo, a gate-keeper and a customer"

12:45 – 1:00 pm BSG Annual General Meeting (Black Horse House)

1:00 – 2:00 pm. Conference lunch with exhibition and posters (Black Horse House)

Session II (Palmer 1.03). 2:00 – 3:30 pm. Chair: Pierre Rizkallah (Cardiff)

Metal ion transport and catalysis

2:00 – 2:30 pm **Julea Butt** (UEA) “The Periplasm and Beyond – Transition Metals for Electron Transport and Catalysis”

2:30 – 3:00 pm **Vicki Bamford** (Reading) “EfeB, the peroxidase component of the EfeUOB bacterial Fe²⁺ transport system, shows novel removal of iron from heme”

3:00 – 3:30 pm **Peter Moody** (Leicester) "Protons, Neutrons, Electrons & Photons in Haem Peroxidase"

3:30 – 4:00 pm **Coffee / Tea Break** (Black Horse House)

Session III (Palmer 1.03). 4:00 – 5:30 pm. Chair: Darren Thompson (Sussex)

Transporters, regulators and metallochaperones

4:00 – 4:30 pm **Ehmke Pohl** (Durham) “Structure and Function of Ferric uptake regulators”

4:30 – 5:00 pm **Andrew Hemmings** (UEA) “A role for polynuclear clusters in interprotein copper transfer in the Cop system of *Bacillus subtilis*?”

5:00 – 5:30 pm **Susan Firbank** (Newcastle) “Structure and metal loading of a soluble periplasm cuproprotein”

5:30 Depart