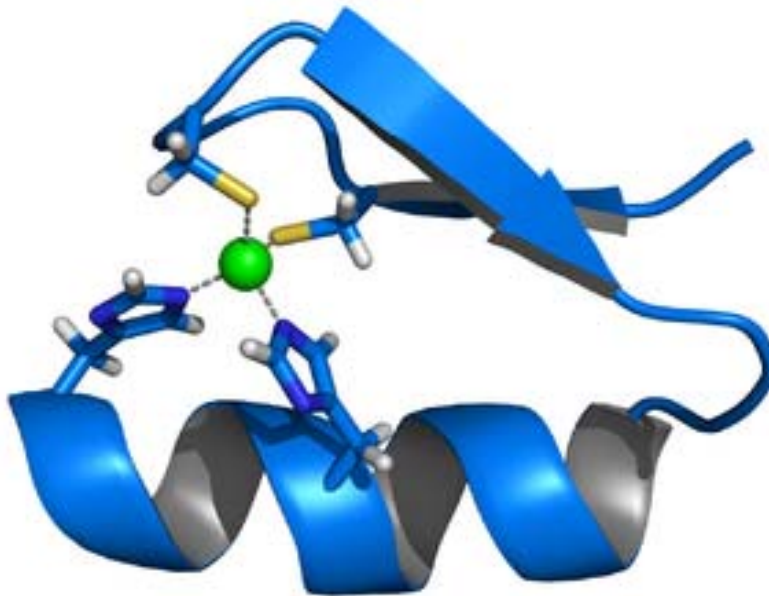


**3rd ZINC-UK meeting
....to link UK (and non-UK) zinc
researchers.....**

**28th of February 2011
UCL Institute of Ophthalmology**



Address: 11-43 Bath Street, EC1V 9EL, London.

Closest tube station: Old Street. Find exit 8 and follow the green line on the pavement. This is designed for the visually impaired coming to Moorfields Eye Hospital. The main entrance of Moorfields, where the green line ends, is on Cayton Street. Follow this short street till the corner and turn left on Bath Street. The building on the corner is the Institute and the gate is about 10 meters from the corner.

At the Institute: Come through the green gate and someone will be there to welcome you and take you to the OHRI Lecture Theatre where we will be waiting for you.

Here is the map to download:

<http://maps.google.com/maps/ms?hl=en&ie=UTF8&msa=0&msid=106092209037610995344.00048266df5b07b3b88b9&ll=51.526555,-0.09023&spn=0.006168,0.01929&z=16>

In case you need to urgently contact Imre: 07753462472.

Program

09:30 Registration starts with tea, coffee and biscuits

10:30 Welcome and announcements

Introduction of new members

10:40 Hector Gonzales: Fundación de Investigación Oftalmológica

Avda. Dres. Fernández-Vega S/N, 33012 - OVIEDO - ASTURIAS

10:50 Hajo Haase: Institute of Immunology, RWTH Aachen University Hospital

Pauwelsstrasse 30, 52074 Aachen, Germany

11:00 Alan Stewart: School of Medicine, Medical and Biological Sciences Building

University of St Andrews, St Andrews, Fife, KY16 9TF, United Kingdom

11:10 Keynote lecture by Richard Thompson: Imaging Mitochondrial Free Zinc in an Ischemia Model, with a Detour into Copper

12:00 Network Grant Update: Mike Watkinson

12:10 Discussion on Zinc-UK website development: Meike Walcha

12:20 Lunch

Large and small molecule-based biosensors

13:20 Guy Rutter: Genetically-encoded FRET sensors and novel small molecule probes to monitor intracellular Zn²⁺ homeostasis

13:45 Wolfgang Maret: Native protein FRET sensors for zinc(II) ions

14:10 Mike Watkinson: Towards organelle specific zinc sensing in vivo?

14:35 Zhaochao Xu: Zn²⁺-Triggered Amide Tautomerization Produces a Highly Zn²⁺-Selective, Cell-Permeable and Ratiometric Fluorescent Sensor

15:00 Simon Pope: Design and syntheses of luminescent metal-based responsive probes towards biological imaging applications

15:25 Coffee/Tea

Non sensor based zinc imaging and quantification

15:40 Joanna Collingwood: X-ray fluorescence measurements of trace metals

16:05 Barry Sharp: Bio-Imaging with Laser Ablation Inductively-Coupled Plasma Mass Spectrometry

16:30 POSTERS WITH WINE AND CHEES