

## **Synthesis & Applications of Labelled Compounds 2005: 15<sup>th</sup> International Isotope Society (UK group) Symposium.**

The 15<sup>th</sup> annual symposium of the *International Isotope Society's* United Kingdom Group took place at the Wellcome Genome Campus, Hinxton, Cambridge, UK on 3<sup>rd</sup> November 2005. The meeting was attended by around 100 delegates from academia, life sciences and fine chemical companies.

Delegates were welcomed by Dr Ken Lawrie (GlaxoSmithKline, UK). The subsequent scientific programme consisted of oral and poster presentations on isotopic chemistry and applications of labelled compounds, or of chemistry with potential implications for isotopic synthesis. Both short-lived and long-lived isotopes were represented, as were stable isotopes. The symposium programme was divided into a morning and afternoon session chaired by Prof. Chris Willis (University of Bristol, UK) and Dr Karl Cable (GlaxoSmithKline, UK) respectively. The meeting was concluded with remarks from Dr Ken Lawrie (GlaxoSmithKline, Stevenage, UK)

This year's symposium had a large attendance from students. Moreover, an excellent level of sponsorship was achieved, and the symposium proved self-financing. The meeting venue again proved very popular. There will be no national meeting next year since the forthcoming *IIS* triennial symposium will be taking place in Edinburgh on the 16-20<sup>th</sup> July 2006. The next UK symposium is therefore planned for late 2007.

## Meeting Programme

**Dr. Nigel Botting** [University of St Andrews, UK]  
Isotopic Labelling of Lignan Phytoestrogens.

**Prof. Frédéric Dollé** [CEA PET Centre, Orsay, France]  
Fluorine-18 Chemistry: A Selection of Recent Advances.

**Prof. Peter Scott** [University of Warwick, UK]  
Creating Chiral Metal Centres.

**Mr. Laurent Brichard** [WBIC, University of Cambridge, UK]  
A Simple Device for the Radiosynthesis of [Carbonyl-<sup>11</sup>C]amides, Esters and Ketones using Carbon-11 Monoxide.

**Dr. Michael Hickey** [AstraZeneca Charnwood, UK]  
Tritium-labelling via an Iridium-based Solid-phase Catalyst.

**Prof. Wolfgang Steglich** [Ludwig-Maximilians University, Germany]  
Meroterpenoids from Mushrooms, A Colourful Group of Natural Products.

**Dr. Joe Schofield** [Sanofi-Aventis, France]  
Radio- and Stable-isotope Labelling of SSR591813- A Nicotinic Partial Agonist.

**Dr Nikolai Kuhnert** [University of Surrey, UK]  
Chiral Recognition in Ion Trap Mass Spectrometry using Isotopically Labelled Trianglamine Macrocycles.

**Dr. Paul Watts** [University of Hull, UK]  
The Application of Micro Reactors for Radiochemical Synthesis.

**Dr. Tony Gee** [GlaxoSmithKline, UK ]PET in Drug Discovery and Development.

**Dr Alan Wadsworth** [GlaxoSmithKline, UK ]  
Stable Isotopic Labelling of Heterocyclic Compounds.