



International Isotope Society UK Group

30<sup>th</sup> Annual Symposium

The Synthesis and Applications of  
Isotopically Labelled Compounds

Friday, 15<sup>th</sup> November 2024  
The Møller Institute, Cambridge

<http://www.iis-uk.org>

# Sponsors

The organising committee would like to thank the following companies for their generous sponsorship:

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# Scientific Programme

- 8:30 am Registration, morning coffee & manufacturers exhibition  
9:00 am Welcome: Dr Chris Winfield (Eurofins Selcia, Chair of the IIS UK Group)

## Morning Session 1

Chair: Professor Chris Willis (University of Bristol, UK)

- 9:05 am **Professor Jason Holland** (University of Zurich, Switzerland)  
*New tactics in radiotracer design (radiometals).*
- 9:55 am **Dr Siôn Edwards** (Pharmaron, UK)  
*Tritium labelling of oligonucleotides.*
- 10:20 am **Dr Jack Rowbotham** (University of Manchester, UK)  
*Integrating biocatalysis into the synthesis of deuterated drugs and other valuable biomolecules.*
- 10:45 am Manufacturers' exhibition, poster session, tea & coffee.

## Morning Session 2

Chair: Dr Daniela Roman (GlaxoSmithKline, UK)

- 11:20 am **Professor Rebecca Melen** (Cardiff University, UK)  
*Single or double? A radical approach to frustrated Lewis pairs.*
- 11:45 am **Dr David Lindsay** (University of Strathclyde, UK)  
*New catalytic approaches for rapid access to isotopically-labelled architectures of biological importance.*
- 12:10 pm Buffet lunch, manufacturers' exhibition & poster session.

## Afternoon Session 1

Chair: Dr Graham Smith (University of Cambridge, UK)

- 1:25 pm **Dr Katherine Wheelhouse** (GlaxoSmithKline, UK)  
*Adventures in pharmaceutical catalysis.*
- 2:15 pm **Dr Philip Miller** (Imperial College London, UK)  
*Droplet-based F-18 radiolabelling reactions.*
- 2:40 pm Manufacturers' exhibition, poster session, tea & coffee.

## Afternoon Session 2

Chair: Dr Andrew Watson (Pharmaron, UK)

- 3:15 pm **Dr Cinzia Imberti** (Kings College London, UK)  
*Metallodrugs in the hot seat: accelerating preclinical development with radionuclide imaging.*
- 3:40 pm **Dr Sean Kitson** (Almac Sciences, UK)  
*Application of nitrilase in [<sup>14</sup>C]SHP-141 synthesis: advancing Remetinostat, an HDAC inhibitor.*
- 4:05 pm Concluding Remarks: Chris Winfield (Eurofins Selcia, Chair of the IIS UK Group)