

# Synthesis & Applications of Labelled Compounds 2017

26th International Isotope Society (UK Group) Symposium.

Friday 17<sup>th</sup> November, 2017, The Møller Centre, Churchill College, Cambridge, UK.

## **8:30 am Registration / Morning Coffee / Manufacturers Exhibition**

**9:10 am Welcome :** Chris Winfield [Selcia, UK, Chair of the IIS (UK) group]

## **Morning Session:** Chair: Andrew Kohler [Arcinova, UK]

**9:15 am Albert Windhorst [VU University Amsterdam, The Netherlands]**  
*"Carbon-11 chemistry and why fighting a 20 minute half-life really makes sense"*

**9:45 am Chris Willis and Luoyi Wang [University of Bristol]**  
*"Taking Inspiration from nature for the generation of novel antibiotics"*

**10:15 am David Read, [University of Surrey/NPL, UK]**  
*"Aspects of lanthanide isotopes from CERN: Title Awaited"*

**10:35 am Davide Audisio [C.E.A, France]**  
*"Fluorosydnone, new click tools for <sup>18</sup>F labelling as proof of concept"*

## **10:55 am Manufacturers Exhibition /Posters/ Coffee & Tea.**

**11:25 am Tom Gregson [Pharmaron, UK]**  
*"Synthesis of Three [<sup>14</sup>C] Isotopologues of Azoxystrobin"*

## **11:55 am Short presentations in association with posters or techniques**

**James Davies [Selcia, UK]**  
*"Isotopic labelling of GMI"*

**Markus Artelsmair [AstraZeneca, UK]**  
*"<sup>14</sup>C-Labeled metabolites of a GABA<sub>A</sub> Receptor"*

**Fernando Cortezon Tamarit [Bath, UK]**  
*"Title Awaited"*

**Mary Kagoro, [York, UK]**  
*"Design and synthesis of activity-based <sup>13</sup>C hyperpolarized magnetic resonance spectroscopic imaging contrast agents"*

**Gary Knox, [Strathclyde, UK]**  
*"Enhanced iridium complexes for elevated substrate applicability in hydrogen isotope exchange processes"*

## **12:20 pm Manufacturers Exhibition / Posters / Buffet Lunch**

## **Afternoon Session I:** Franklin Aigbirhio [WBIC, Cambridge, UK]

**1:20 pm Craig Morrissey [Aurora, UK]**  
*"Radiation protection legislation: What's new with the ionising radiations regulations 2017?"*

**1:50 pm Ken Lawrie [J. Label. Compd Radiopharm, UK]**  
*"A selection of the best of JLCR isotopic chemistry 2016-17"*

**2:20 pm Graham Smith [Institute of Cancer Research, UK]**  
*"New applications for fluorine-18 and zirconium-89 PET"*

## **2:50 pm Manufacturers Exhibition / Posters / Coffee & Tea**

## **Afternoon Session 2:** Chair: [Mike Chappelle, Pharmaron, UK]

**3:20 pm Ed Anderson [University of Oxford]**  
*"Isotope effects in mechanistic studies of transition metal-catalyzed cycloisomerization"*

**3:50 pm Marc Reid, [University of Strathclyde, UK]**  
*"The power of isotopes in mechanistic chemistry"*

**4:20 pm Concluding Remarks.** Chris Winfield [Selcia, UK]