7th RSC / SCI symposium on GPCRs in Medicinal Chemistry
Monday-Wednesday, 10th-12th September 2018

Programme of Flash Poster Presentations

Monday, 10th September from 3.40 to 4.32 pm

15:40 *Application of luminescence and BRET to GPCR biology: development of new assay formats for screening and compound profiling*
Gary Allenby, Aurelia Bioscience Ltd, UK P01

15:42 *Understanding PAR2 active-state through a combined structure-based drug design and mutagenesis study*
Flavio Ballante, Uppsala University, Sweden P04

15:44 *The design, synthesis and pharmacological evaluation of highly potent and selective fluorescently-labelled A2A AR antagonists based on preladenant (SCH420814)*
Eleonora Comeo, University of Nottingham, UK P05

15:46 *Development of a high affinity, selective fluorescent ligand for CB2 receptor*
Anna Cooper, University of Otago, New Zealand P06

15:48 *Expanding the pharmacological toolbox to study chemokine receptor CXCR4 by developing fluorescent probes*
Sebastian Dekkers, University of Nottingham, UK P08

15:50 *Development of a novel biophysical fragment screening platform for detergent-free purified GPCRs*
Daniel Hothersall, Domainex Ltd, UK P10

15:52 *Optimisation of peptide linker-based fluorescent ligands for histamine H1 receptor*
Zhi Yuan Kok, University of Nottingham, UK P12

15:54 *Identification of novel MRGX2-agonists which dose-dependently activate mast cells*
Helen Kühn, University Hospital Erlangen, Germany P13

15:56 *Probing inactive states of the A2A receptor by 19F NMR*
Erik Landin, University of Bristol, UK P14

15.58 *Development of molecular tools for the study of adenosine A1 receptors*
Martin Lochner, University of Bern, Switzerland P15

16:00 *G protein specific bias in a series of CCR5 chemokine analogs*
Emily Lorenzen, Rockefeller University, USA P16

16:02 *The Salipro® system for stabilization of membrane proteins*
Robin Löving, Salipro Biotech, Sweden P17

16:04 *Novel biased agonists for immune-metabolic receptor GPR84 induce distinct responses in primary murine macrophages*
Daniel Lucy, University of Oxford, UK P18

16:06 *Structure-activity relationships of imidazothiazinones and analogs as antagonists of the cannabinoid-activated orphan G protein-coupled receptor GPR18*
Andhika Mahardhika, University of Bonn, Germany P19

16:08 *Enhancing GPCR structures with computer-assisted drug design*
Juan Carlos Mobarec, Heptares Therapeutics Ltd, UK P20

16:10 *Design, synthesis and evaluation of a diazirine photoaffinity probe for Ligand-based receptor capture targeting on GPCRs*
Frederike Müskens, University of Glasgow, UK P21