

**8<sup>th</sup> RSC / SCI Symposium on GPCRs in Medicinal Chemistry**

Wednesday-Friday, 5<sup>th</sup>-7<sup>th</sup> October 2022

hosted at Evotec Campus Levi-Montalcini, Verona, Italy

Flash Poster Presentation Programme

Wednesday, 5<sup>th</sup> October

16:30	<i>Optimized PAR2 assay using HT-29 PAR1 KO cells generated by CRISPR</i> <b>Carsten Brock</b> , Eurofins Discovery, FR	P01
16:32	<i>Discovery of selective inhibitors of A2B adenosine receptor</i> <b>Denis Bucher</b> , leadXpro AG, CH	P02
16:34	<i>Novel macrocyclic antagonists of the calcitonin gene-related peptide receptor</i> <b>Kristina Butković</b> , Selvita doo, HR	P03
16:36	<i>Cryo-EM approaches for active-state and inactive-state GPCRs</i> <b>Ieva Drulyte</b> , Thermo Fisher Scientific, NL	P05
16:38	<i>Targeting the G protein-coupled receptor, CB2, towards the development of novel anticancer therapeutics through the identification of an allosteric site</i> <b>Zara Farooq</b> , Bart's and Queen Mary University of London, UK	P06
16:40	<i>Structure-based discovery of novel non-opioid analgesics acting through the <math>\alpha</math>2A-adrenergic receptor</i> <b>Elissa Fink</b> , University of California-San Francisco, US	P07
16:42	<i>Enabling AlphaFold2 models of GPCRs for structure-based drug design</i> <b>Antonija Kuzmanic</b> , Schrödinger Inc, US	P09
16:44	<i>Covalent chromenopyrazole probes for cannabinoid type 2 receptor</i> <b>Ian Liddle</b> , University of Otago, NZ	P10
16:46	<i>Ultra-large library docking in Rosetta EvoLigand tackles challenging GPCR targets in drug discovery</i> <b>Paul Eisenhuth</b> , Leipzig University, DE	P11
16:48	<i>Tailored fluorescent probes expand the application toolbox for GPCR drug discovery</i> <b>María Majellaro</b> , Celtarys Research and University of Santiago de Compostela, ES	P13
16:50	<i>In silico investigation of (non-)orthosteric pockets on bile acid transmembrane receptor TGR5</i> <b>Giovanna Papadopoulos</b> , Philipps University of Marburg, DE	P15
16:52	<i>Bivalent dicovalent chemical tools to study G protein-coupled receptor dimers</i> <b>China Payne</b> , University of Otago, NZ	P16
16:54	<i>An evolving view of gene-to-drug cryo-EM platforms</i> <b>Mazdak Radjainia</b> , Thermo Fisher Scientific, NL	P17
16:56	<i>Structural and functional characterization peptide co-agonists targeting class B1 G protein-coupled receptors as therapeutic targets for metabolic disorders</i> <b>Shubham Vishnoi</b> , University of Limerick, EI	P20
16:58	<i>Ultra-large virtual screen identification and SAR of a new class of inhibitors against protease activated receptor 4 (PAR4)</i> <b>Lukas von Bredow</b> , Leipzig University, DE	P21
17:00	Poster session and drinks reception	