

## Programme

### Friday December 8, 2023

|       |                                                                                                                                                                                                                                                |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:00 | <b>Registration</b>                                                                                                                                                                                                                            |
| 08:50 | <b>Opening</b><br>Dr Laurent PROVINS<br>(UCB, Braine-l'Alleud, Belgium)<br><br><b>Session Chair</b><br>Prof. Gilles BERGER<br>(ULB, Brussels, Belgium)                                                                                         |
| 09:00 | <b>PL01 - Bioorthogonal and Chemoenzymatic Tools for Targeted Drug Delivery</b><br>Dr Kimberly BONGER<br>(Radboud University, Nijmegen, The Netherlands)                                                                                       |
| 09:50 | <b>Chemistry Europe Lecture</b><br><b>PL02 - Synthetic Molecular Probes for the Detection of Pathogens and Reactive Oxygen Species</b><br>Dr Boris VAUZEILLES<br>(CNRS - Institut de Chimie des Substances Naturelles, Gif-sur-Yvette, France) |
| 10:40 | <b>Coffee break and Exhibition</b>                                                                                                                                                                                                             |
| 11:15 | <b>OC01 - Selecting Nanobodies to Disrupt the TSPYL5-USP7 Protein-Protein Interaction</b><br>Ms Marine ANCIA<br>(UCLouvain, Brussels, Belgium)                                                                                                 |
| 11:35 | <b>PL03 - Applying AI to Precision Engineer Medicines</b><br>Dr Martin LOWE<br>(Exscientia, Oxford, United Kingdom)                                                                                                                            |
| 12:25 | <b>Lunch, Exhibition and Poster session</b><br><br><b>Session Chair</b><br>Prof. Raphaël FREDERICK<br>(UCLouvain, Brussels-Woluwe, Belgium)                                                                                                    |
| 14:00 | <b>PL04 - Machine Learning Tools to Accelerate the Chemical Sciences</b><br>Dr Tiago RODRIGUES<br>(University of Lisbon, Lisbon, Portugal)                                                                                                     |
| 14:50 | <b>PL05 - Drugging the Undruggable: Advances in Targeted Protein Degradation</b><br>Dr Dylan LYNCH<br>(University of Dundee, Dundee, United Kingdom)                                                                                           |
| 15:40 | <b>Coffee break, Exhibition and Poster Session</b>                                                                                                                                                                                             |
| 16:15 | <b>OC02 - Discovery of Novel Small Molecules Binders of Soluble Mutant HTT and Derivatization into PROTACs</b><br>Dr Geoffrey SCHWERTZ<br>(UCB Biopharma, Braine l'Alleud, Belgium)                                                            |
| 16:35 | <b>OC03 - Liver-Targeted Autophagy Modulators: A Novel Approach to Combatting NAFLD</b>                                                                                                                                                        |

## Programme

Dr Lorenzo CIANNI  
(UNIVERSITY OF ANTWERPEN, Antwerp, Belgium)

**16:55 PL06 - Leaving Serendipity Behind: Rational Discovery and Design of Molecular Glue Degraders**

Dr Magnus WALTER  
(MONTE ROSA THERAPEUTICS, Basel, Switzerland)

**17:45 AL01 - CGB-CBB Incentive Award  
Controlling the Reactivity of Metal Substituted Polyoxometalates as Artificial Proteases: from General Perspectives to Potential Applications**

Dr Nada D. SAVIC  
(KU LEUVEN, Leuven, Belgium)

**18:05 Closing Remarks**

Dr Laurent PROVINS  
(UCB, Braine-l'Alleud, Belgium)