



## GP<sub>2</sub>A 2022 Schedule

Trinity College Dublin, Ireland, 24<sup>th</sup> – 26<sup>th</sup> August 2022

\*Program is subject to change.

| Wednesday 24 <sup>th</sup> August 2022 |  |
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| Time                                   |  |
| 09:00 – 12:30                          | <b>Computational Chemistry Workshop sponsored by CCG</b><br><i>Venue: Trinity Biomedical Sciences Institute, Pearse Street, Dublin 2</i><br><i>Contact: Dr. Darren Fayne</i>   |
| 12:00 – 16:30                          | Registration open<br><i>Venue: Hamilton Concourse</i>  |
|  | <b>Session 1: Joly Theatre, Hamilton Building</b><br>Session chairs: Prof. John F. Gilmer and Prof. Pascal Marchand  |
| 13:45 – 13:55                          | <b>Opening of 30<sup>th</sup> GP<sub>2</sub>A Conference</b><br><b>Prof. Pascal Marchand</b><br>Chairman of the GP <sub>2</sub> A committee<br><b>Prof. John F. Gilmer</b><br>Head of School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin |
| 13:55 – 14:30                          | Keynote 1: <b>Dr. James Hodgkinson</b><br><i>"Exploring Heterobifunctional Molecules and Class-I Histone Deacetylase enzymes in Complexes"</i>   |
| 14:30 – 14:50                          | Early career presentation 1: Dr. Manuela Jörg<br><i>"Identification and structure-activity relationship profiling of positive allosteric modulators targeting muscarinic acetylcholine receptors"</i>  |

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| 14:50 – 15:00 | Gold sponsor presentation: <b>CEM</b>   |
| 15:00 – 15:30 | <i>Coffee Break, Sponsor Exhibitions and Poster Viewing<br/>(Hamilton Concourse)</i>  |
|               | <b>Session 2: Joly Theatre, Hamilton Building</b><br>Session chairs: Prof. Christophe Rochais and Prof. Shailesh Mistry                       |
| 15:30 – 15:50 | Early career presentation 2: Dr. Arnaud Tessier<br><i>“New aza-heterocyclic structures for feeding the drug space in medicinal chemistry”</i> |
| 15:50 – 16:00 | Gold sponsor presentation: <b>CDD</b>   |
| 16:00 – 16:35 | Keynote 2: <b>Jun.-Prof. Dr. Matthias Gehringer</b><br><i>“Targeting the Protein Kinases' Cysteinome.”</i>                                    |
| 17:00 – 18:00 | <i>GP<sub>2</sub>A committee meeting (committee only)<br/>(School of Pharmacy and Pharmaceutical Sciences Boardroom)</i>                      |
|               | <i>Break</i>  |
| 18:00 – 19:45 | <b>Welcome Reception</b> , Trinity College Dublin Dining Hall <i>(included in conference registration cost)</i>                               |

| <b>Thursday 25<sup>th</sup> August 2022</b> |  |
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| <b>Time</b>                                 | <b>Session 3: Joly Theatre, Hamilton Building</b><br>Session chairs: Prof. Pascal Marchand   |
| 08:30 – 15:30                               | Registration open<br><i>Venue: Hamilton Concourse</i>  |
| 09:00 – 09:35                               | Keynote 3: <b>Prof. Swen Hoelder</b><br><i>“A tricycle journey to in vivo degraders of the oncogenic transcription factor BCL6.”</i>   |
| 09:35 – 09:45                               | Headline sponsor presentation: <b>ThermoFisher</b>   |
| 09:45 – 10:20                               | Keynote 4: <b>Prof. Rebecca Deprez-Poulain</b><br><i>“IDE and ERAP inhibitors discovered by KTGS and their use in therapeutics.”</i>   |
| 10:20 – 10:40                               | Early career presentation 3: Dr. Nuria Cabedo<br><i>“A novel polycerasoidol analogue with pan-PPAR agonism, anti-inflammatory effects and amelioration of metabolic abnormalities in ob/ob mice”</i> |
| 10:40 – 11:40                               | <i>Coffee Break, Sponsor Exhibitions and Poster Session 1<br/>(Hamilton Concourse)</i>   |

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|               | <p><b>Session 4: Joly Theatre, Hamilton Building</b></p> <p>Session chairs: Prof. Florence McCarthy and Dr. Darren Fayne</p>   |
| 11:40 – 12:00 | <p>Early career presentation 4: Shubham Vishnoi</p> <p><i>“Triagonist peptide designed to activate incretin/glucagon system”</i></p>   |
| 12:00 – 12:35 | <p>Keynote 5: <b>Dr. Kurt Hoogewijs</b></p> <p><i>“Structure-Affinity Relationship study of a potential therapeutic peptide for the treatment of MELAS”</i></p>  |
| 12:35 – 12:45 | <p>Gold sponsor presentation: <b>LabCup</b></p>  |
| 12:45 – 13:20 | <p>Keynote 6: <b>Dr. Andrew Beekman</b></p> <p><i>“New strategies for the identification and control of disease relevant protein-protein interactions.”</i></p>  |
| 13:20 – 14:30 | <p><i>Lunch, Sponsor Exhibitions and Poster Viewing</i></p> <p><i>(Hamilton Concourse)</i></p>   |
|               | <p><b>Session 5: Joly Theatre, Hamilton Building</b></p> <p>Session chairs: Dr. Vânia Moreira and Dr. Barrie Kellam</p>  |
| 14:30 – 15:05 | <p>Keynote 7: <b>Prof. Dr. Anna K. H. Hirsch</b></p> <p><i>“Addressing underexplored anti-infective targets”</i></p>   |
| 15:05 - 15:15 | <p>Gold sponsor presentation: <b>Biotage</b></p>   |
| 15:15 – 15:35 | <p>Early career presentation 5: Amit Upadhyay</p> <p><i>“Design and synthesis of novel drugs for the treatment of Cryptosporidiosis”</i></p>   |
| 15:35 – 15:55 | <p>Early career presentation 6: Dr. Ahmed Ait Khouya</p> <p><i>“Gold(I) mediated radio-iododecarboxylation: Application in nuclear medicine”</i></p>   |
| 16:30 – 18:30 | <p><b>Optional Activity: Dublin Walking Tour with Pat Liddy’s Walking Tours</b></p> <p><i>(2 hours, prebooking only).</i></p> <p><i>Starts at 16:30 at the Bell Tower (Campanile) in the Front Square of Trinity College.</i></p>                        |
| Evening       | <p><b>Conference Dinner, Abbey Tavern, Howth</b> (optional; cost: €60, <i>prebooking only</i>)</p> <p><i>Return bus transport from city centre included in dinner cost. Bus departs at 18:30 from Nassau Street and returns at 10:30 from Howth.</i></p> |

| <b>Friday 26<sup>th</sup> August 2022</b> |  |
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| <b>Time</b>                               | <b>Session 6: Joly Theatre, Hamilton Building</b><br>Session chairs: Prof. Mary J. Meegan and Dr. Marco Minneci  |
| 09:00 – 12:00                             | Registration open<br><i>Venue: Hamilton Concourse</i>  |
| 9:30 – 10:05                              | Keynote 8: <b>Prof. Christa Elisabeth Müller</b><br><i>“Targeting membrane proteins involved in purinergic signalling - important players in inflammation, immunity and cancer”</i>  |
| 10:05 – 10:25                             | Early career presentation 7: Magdalena Wojciechowski<br><i>“Mutational analysis of the surface displayed HCN4 C-Linker-CNBD: a flow cytometry based ligand binding approach”</i>   |
| 10:25 – 10:45                             | Early career presentation 8: Christina Kosch<br><i>“Hit-to-Lead Optimization of a Novel RSV Small Molecule Entry Inhibitor”</i>  |
| 10:45 – 10:55                             | Gold Sponsor Presentation: <b>Biopharma Group</b>  |
| 10:55 – 11:55                             | <i>Coffee Break, Sponsor Exhibitions and Poster Session 2</i><br><i>(Hamilton Concourse)</i>   |
|   | <b>Session 7: Joly Theatre, Hamilton Building</b><br>Session chairs: Prof. Astrid Sasse and Dr. Maria Pigott   |
| 11:55 – 12:15                             | Early career presentation 9: Dr. Mariia Nesterkina<br><i>“Terpenoid hydrazones as biomembrane penetration enhancers with multi-target activity”</i>  |
| 12:15 – 12:35                             | Early career presentation 10: Dr. Nasrin Shokrzadeh Madieh<br><i>“Aminobenzofuran-containing analogues of proximicins B and C exhibit higher antiproliferative activity against glioblastoma cells compared to temozolomide in in vitro cellular assays”</i> |
| 12:35 – 12:45                             | Gold Sponsor Presentation: <b>Enamine</b>  |
| 12:45 – 13:20                             | Keynote 9: <b>Prof. Isabel Rozas</b><br><i>“Where targeting DNA can take you”</i>  |
| 13:20                                     | Prize Announcements (early career presentations and poster presentations)<br>Conference Close<br><b>Packed Lunch available</b>   |