

Programme

Wednesday July 3, 2024

- 07:30** **Registration**
- 08:45** **Opening Ceremony**
- 09:05** **Inaugural Lecture
Toward Universal Druggability (PL01)**
Prof. Gregory L. VERDINE
(CO-FOUNDER, PRESIDENT AND CEO LIFEMINE THERAPEUTICS, Cambridge, MA, United States)
- 09:40** **Session 1 - RNA Binding Molecules**
- 09:40** **Tools and Tactics for Targeting RNA with Small Molecules (PL02)**
Dr Jay SCHNEEKLOTH
(NATIONAL CANCER INSTITUTE, Frederick, United States)
- 10:15** **Small-Molecule Inhibitors of RNA-binding Proteins Regulating m6A RNA Methylation (SL01)**
Dr Peng WU
(MAX-PLANCK-INSTITUTE OF MOLECULAR PHYSIOLOGY, Dortmund, Germany)
- 10:35** **Coffee Break & Exhibition**
- Session 2 - Breakthroughs in Deep Learning, CryoEM and their Impact on Drug Discovery**
- 11:10** **Modern Modelling Techniques to Aid Structure-Based Drug Design (PL03)**
Dr Massimiliano BONOMI
(INSTITUT PASTEUR, Paris, France)
- 11:45** **Cryo-EM at Astrazeneca: Enabling SBDD in Challenging Multiprotein Targets (SL02)**
Dr Taiana MAIA DE OLIVEIRA
(ASTRAZENECA PLC, Cambridge, United Kingdom)
- 12:05** **Lunch, Networking & Exhibition**
- 12:45** **Company Workshop by Schrödinger**
- 13:00** **Poster session**
- 14:30** **Session 3 - New Modalities for Drug Discovery**
- 14:30** **New Modalities Enabling Target Validation (SL03)**
Dr Werngard CZECHTIZKY
(ASTRAZENECA, Mölndal, Sweden)
- 14:50** **Title to be announced (PL04)**

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Prof. Akane KAWAMURA
(NEWCASTLE UNIVERSITY, Newcastle, United Kingdom)

15:25 Molecular Switches for Gene Control (PL05)

Prof. Olalla VÁZQUEZ
(PHILIPPS-UNIVERSITÄT MARBURG, Marburg, Germany)

16:00 Coffee Break & Exhibition

Session 4 - Chemistry in Living Systems, Chemical Biology, Including Druggability Assessment

16:35 Gut Feeling: Illuminating Atypical Stress-sensing Mechanisms in the Gut Empowers New Therapeutic Opportunities (PL06)

Prof. Yimon AYE
(ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL), Lausanne, Switzerland)

17:10 Exploring PTM Chemical Biology for Drug Discovery (PL07)

Prof. Edward TATE
(IMPERIAL COLLEGE LONDON, London, United Kingdom)

17:45 Induced-Volatolomics, a New Research Field in Chemical Biology (SL04)

Dr Pauline POINOT
(UNIVERSITY OF POITIERS, Poitiers, France)

18:05 Welcome Drink

19:30 End of the Day

Thursday July 4, 2024

Session 5 : Recent Trends in Neurodegenerative Diseases Drug Development

- 08:45** **Toward a Holistic Drug Discovery Approach - How Chemical Biology & Novel Technologies Support the Identification & Development of Drug Candidates (PL08)**
Dr Uwe GRETHER
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)
- 09:20** **Title to be announced (PL09)**
Dr Angela MACKAY
(NOVARTIS PHARMA AG, Basel, Switzerland)
- 09:55** **Design, Synthesis and Evaluation of PET Tracers Targeting alpha-Synuclein, a Rational Approach (PL10)**
Prof. Bert WINDHORST
(VU UNIVERSITY MEDICAL CENTER, Amsterdam, The Netherlands)
- 10:30** **Coffee Break & Exhibition**

Session 6 - Induced Proximity Including Degraders

- 11:05** **How Degraders Work: Molecular Recognition and Design Principles (PL11)**
Prof. Alessio CIULLI
(UNIVERSITY OF DUNDEE, Dundee, United Kingdom)
- 11:40** **Expanding the Chemical Toolbox of E3 Ligase Ligands for PROTAC Design (PL12)**
Prof. Michael GUTSCHOW
(UNIVERSITY OF BONN, Bonn, Germany)
- 12:15** **Discovery of Novel Small Molecules Binders of Soluble Mutant HTT & Derivatization into PROTACs (SL05)**
Dr Geoffrey SCHWERTZ
(UCB BIOPHARMA, Braine l'Alleud, Belgium)
- 12:35** **Lunch, Networking & Exhibition
Career Session**
- 13:15** **Company Workshop by WuXi AppTec**
- 13:45** **Poster Session**

Session 7 - Next Generation Cancer Therapeutics

- 15:15** **Advancements in Drug-like Cyclic Peptides: A Pathway to Orally Available KRAS Inhibitor (PL13)**
Dr Satoshi HASHIMOTO
(CHUGAI PHARMACEUTICAL, Kanagawa, Japan)
- 15:50** **Discovering Novel Inhibitors of Wild-type and Acquired Drug-resistant Mutant Forms of c-MET (SL06)**
Dr Gavin W. COLLIE
(ASTRAZENECA, Cambridge, United Kingdom)

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- 16:10 Session 8 - First Disclosures of Clinical Candidates and Cases Studies**
- 16:10 The Discovery of a GPCR Antagonist as Clinical Candidate for Autoimmune Diseases (PL14)**
Dr Emmanuel MEYER
(UNIVERSITY OF BASEL, Basel, Switzerland)
- 16:45 Coffee Break & Exhibition**
- 17:20 Galapagos Award For Drug Discovery Chemistry (PL15)**
- 18:05 End of the Day**
- 20:00 Symposium Banquet (subject to prior registration)**

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Friday July 5, 2024

08:45 **Session 9 - Enabling Technologies**

08:45 **Synthetic and Medicinal Chemistry for Biologics (PL16)**

Prof. Jeffrey BODE
(ETH ZURICH, Zürich, Switzerland)

09:20 **Recent Advances in DNA-Encoded Library Technologies at GSK (PL17)**

Dr Lisa MARCAURELLE
(GSK, Cambridge, United States)

09:55 **Coffee Break & Exhibition**

10:30 **Vaccines, Antibody Therapies and Diagnostics Based on Synthetic Carbohydrates (PL18)**

Prof. Peter H. SEEBERGER
(MAX PLANCK INSTITUTE OF COLLOIDS AND INTERFACES, Berlin, Germany)

11:05 **Evotec Prize for Excellence in Molecular Design (PL19)**

11:50 **Closing Ceremony**

12:20 **End of the Symposium**