

Reinventing Drug Discovery, from Retrospective to Perspectives

Programme

Sunday June 2, 2024

11:00 Registration

12:00 Welcome Lunch

Session 10th NovAliX Conference - DAY 1

13:30 Opening & Welcome Address

Dr Jean-Paul RENAUD
(URANIA THERAPEUTICS, Ostwald, France)

13:40 Introduction by session chair

Dr Stefan GESCHWINDNER
(ASTRAZENECA, Mölndal, Sweden)

SESSION 1 (Part 1): Present and Future Tools for Drug Discovery

13:45 Open Chemical Probes and Data-Driven Hit-Finding for Target Characterization and Validation (KL01)

Prof. Cheryl ARROWSMITH
(STRUCTURAL GENOMICS CONSORTIUM, Toronto, Canada)

14:25 How to Improve Resolution and Quality in Single Particle Cryo-EM (KL02)

Prof. Holger STARK
(MAX PLANCK INSTITUTE FOR MULTIDISCIPLINARY SCIENCES, Göttingen, Germany)

15:05 Coffee break & Exhibition

15:35 Introduction by session chair

Prof. Helena DANIELSON
(UPPSALA UNIVERSITY, Uppsala, Sweden)

SESSION 2: New Modalities as New Frontiers of Drug Discovery

15:40 Biophysics for Protein Degraders: It's all in the Ternary Complex (KL03)

Prof. Alessio CIULLI
(UNIVERSITY OF DUNDEE, Dundee, United Kingdom)

16:20 Chance Favors the Perplexed Mind: The Critical Role of Biochemistry and Biophysics in the Development of Small Molecule Inhibitors of Chromatin- and RNA-Modifying Enzymes as Precision Cancer Therapeutics (KL04)

Dr Robert COPELAND
(ACCENT THERAPEUTICS, INC., Lexington, United States)

17:00 Induced Proximity: Exploring New Therapeutic Modalities (KL05)

Prof. Craig CREWS
(YALE UNIVERSITY, New Haven, CT, United States)

17:40 Round-table set-up

**17:45 Round-table discussion: New Tools for New Modalities in Drug Discovery
Discussion moderated by**

Dr Herbert NAR
(BOEHRINGER INGELHEIM, Biberach, Germany)

18:30 End of the Day

19:00 Welcome Reception & Dinner

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Monday June 3, 2024

07:30 Breakfast

Session 10th NovAliX Conference - DAY 2

09:00 Introduction by Session Chair

Mr Stephan JENN
(NOVALIX, Illkirch, France)

SESSION 3:
Financial Perspectives on the Future of the Industry

09:05 Title of talk to be announced (KL06)

Dr Matthias BUCHER
(CEPTON STRATEGIES, Paris, France)

09:30 Financing Early Stage Life Sciences Innovation in Europe: a New Model of Venture Building (KL07)

Dr Magali RICHARD
(HOME BIOSCIENCES, Paris, France)

09:55 Title of talk to be announced (KL08)

Dr Vanessa MALIER
(IVIBIOPUS, Paris, France)

10:20 Coffee Break & Exhibition

**10:50 Round-table discussion: Future Financing of Drug Discovery
Discussion moderated by**

Mr Stephan JENN
(NOVALIX, Illkirch, France)

11:35 Introduction by Session Chair

Dr Sylwia HUBER
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

SESSION 4 (Part 1):
Unmet Therapeutic Needs: Current Challenges

11:40 Challenges and Opportunities in Cancer Therapy: a Perspective Across Modalities (KL09)

Dr Tobias SCHMELZLE
(NOVARTIS, Basel, Switzerland)

12:20 History, Achievements, Promises, and Issues of Gene Therapy (KL10)

Dr Serge BRAUN
(AFM TÉLÉTHON, Evry, France)

13:00 Lunch & Networking

14:40 Introduction by Session Chair

Dr Stefan GESCHWINDNER
(ASTRAZENECA, Mölndal, Sweden)

SESSION 1 (Part 2):
Present and Future Tools for Drug Discovery

14:45 Where AI Meets the Real World (KL11)

Dr Dave HALLETT
(EXSCIENTIA LTD, Oxford, United Kingdom)

15:25 Biophysics: Opportunities and Challenges in the Evolving Landscape of Early Drug Discovery (KL12)

Dr Maria M. FLOCCO
(ASTRAZENECA, Cambridge, United Kingdom)

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16:05 Introduction by Session Chair

Dr Sandra JACOB
(NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH, Basel, Switzerland)

***SESSION 5 (Part 1):
Vision for the Future of Drug Discovery***

16:10 Enabling New Paradigms in Drug Discovery Through Biophysical Characterization - virtual lecture (KL13)

Dr Frank LAUKIEN (BRUKER, Billerica, United States)
Dr Falko BUSSE (BRUKER SWITZERLAND, Fällanden, Switzerland)

16:50 Coffee Break & Exhibition

17:20 25 Years of Thinking Small (KL14)

Dr Harren JHOTI
(ASTEX PHARMACEUTICALS, Cambridge, United Kingdom)

18:00 Adding Years of Life and Quality of Life: How the Healthcare Industry Can Bring Value to the World (KL15)

Dr Paul STOFFELS
(GALAPAGOS, Beerse, Belgium)

18:40 End of the Day

18:45 Walking Tour around the Lake

19:30 Conference Dinner

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Tuesday June 4, 2024

07:30 Breakfast

Session 10th NovAliX Conference - DAY 3

09:00 Introduction by Session Chair

Dr Sylwia HUBER
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

SESSION 4 (Part 2):
Unmet Therapeutic Needs: Current Challenges

09:05 Drug Discovery for Neglected Patients: Past Experience, Present Strategy and Future Directions (KL16)

Dr Charlie MOWBRAY
(DRUGS FOR NEGLECTED DISEASES INITIATIVE (DNDI), Geneva, Switzerland)

09:45 Building a Pipeline of High-Impact Products to Prevent, Diagnose and Treat Bacterial Infections (KL17)

Dr Erin DUFFY
(CARB-X, Boston, United States)

10:25 Coffee Break & Exhibition

SESSION 5 (Part 2):
Vision for the Future of Drug Discovery

10:55 Introduction by Session Chair

Dr Sandra JACOB
(NOVARTIS INSTITUTES FOR BIOMEDICAL RESEARCH, Basel, Switzerland)

11:00 Vision for the Future of Drug Discovery: Solving Big Problems and the Opportunities of Scientific and Technological Advances (KL18)

Dr Karin BRINER
(GENENTECH, South San Francisco, United States)

11:40 Vision, Agility, Mindset: Catalyzing the Transformation of Drug Discovery for Patients at Servier (KL19)

Dr Claude BERTRAND
(INSTITUT DE RECHERCHES SERVIER, GIF-SUR-YVETTE, France)

12:20 Round-table set-up

12:25 Round-table discussion: Vision for the Future of Drug Discovery

13:10 Closing Remarks

Dr Jean-Paul RENAUD
(URANIA THERAPEUTICS, Ostwald, France)

13:15 Closing Lunch & Departure