



LEIDEN DRUG DEVELOPMENT CONFERENCE

PROGRAM

2nd Leiden Drug Development Conference “*The future of Drug Development*”

27 September 2022

09.00-10.00 Registration

10.00-10.15 **The Imperial / The Square**

Opening and introduction by Michel van Agthoven, Lead Janssen Campus the Netherlands

10.15-10.45 **The Imperial / The Square**

Key-note speaker Paul Stoffels, CEO Galapagos

10.45-11.15 **The Lounge**

Break

11.15-12.15 Parallel sessions:

The Imperial / The Square

The future of: Computational science and early drug discovery

Session chair: Gerard van Westen, Leiden University

- *Computational Techniques to Accelerate Drug Discovery*
Anthe Janssen, Leiden University
- *Quantum computing from life sciences to AI.*
Vedran Dunjko, Leiden University
- *Early computational drug discovery at Galapagos*
Tim Van den Bulcke, Galapagos

The Edge

The future of: Clinical trials

Session chair: Erik Present, Galapagos

- *The first blow is half the battle*
Koos Burggraaf, CHDR
- *The future of clinical trials? Ask patients and site staff*
Heidi Muller, Galapagos
- *Complexity of Precision medicine: Opportunities and Challenges of BASKET (Tumor agnostic) clinical trials*
Chantalle Metekohy, Janssen

The Cube

The future of: Anti-infectives

Session chair: Frans van Nieuwpoort, LUMC

- *The future of anti-infectives; a perspective from the Gram-positive enteropathogen Clostridioides difficile.*
Wiep Klaas Smits, LUMC
- *Novel Glycopeptide Antibiotics with Best-in-Class Potential*
Nathaniel Martin, Leiden University
- *From Lab to Last Mile Impact: The discovery and development of Bedaquiline, a novel drug for drug-resistant tuberculosis?*
Anil Koul, Janssen



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11.15-12.15 Parallel sessions:

The Spot

The future of: Federated data networks

Session chair: Ton Peters, Janssen

- *LANCELOT: privacy-preserving analyses on federated healthcare data*
Bart Kamphorst, TNO
- *Federated Data Network in practice (HONEUR)*
Sander Dalhuisen, Janssen
- *IMI project EHDEn paves the path for FDN (federated data network) within the EU*
Nigel Hughes, Johnson & Johnson

12.15-13.15 The Lounge

Lunch

13.15-14.15 Parallel sessions:

The Imperial / The Square

The future of: Drug delivery

Session chair: Nathaniel Martin, Leiden University

- *3D Pharma Printing @ TNO*
Kjeld van Bommel, TNO
- *3D medicine printing - Enabling personalised therapies*
Niels Ouwerkerk, Doser
- *Understanding Molecular Interactions to Obtain Functional Self-assembled (Bio)materials*
Alexander Kros, Leiden University

The Edge

The future of: Digital markers and therapeutics

Session chair: Wim van Hartingsveldt, TNO

- *Future of healthcare: Digital Biomarkers*
Willem van den Brink, TNO
- *A tale of Digital Health Tec-Digital companions and Artificial Intelligence*
Walter van Kuijen, SmartQare
- *Metabolic biomarkers for personalized medicine: towards real world data for diagnostics & drug research*
Thomas Hankemeier, Leiden University

The Cube

The future of: Prevention

Session chair: Sandra Eikhout, TNO

- *Targeting resilience for Lifestyle (and) medicine – The example of type 2 diabetes*
Suzan Wopereis, TNO
- *Enabling the paradigm shift towards health.*
Syanni Kristalijn, Roche NL
- *Pharmacists play an important role in prevention; from screening to demedicalization.*
Rogier Larik, Care for cure

14.15-14.45 The Lounge

Break



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14.45-15.45 Parallel sessions:

The Imperial / The Square

The future of: Precision medicine

Session chair: Mariska Koster, Janssen

- *The Yin Yang of IgG4: Translating insight into autoimmunity to novel therapeutics for neuromuscular disease*
Maartje Huijbers - LUMC
- *The future of precision medicine: moving omics into personalized health(care).*
Alain van Gool – Radboud UMC
- *CAR-T Cell Therapy-The patient journey, told from a manufacturer's perspective*
Nienke Houkes, Janssen

The Edge

The future of: Vaccines

Session chair: Frans van Nieuwpoort, LUMC

- *Sweet vaccines – application of synthetic carbohydrates in conjugate vaccines*
Jeroen Codee, Leiden University
- *The future of T cell-focused vaccines*
Ramon Arens, LUMC
- *Zero to One & One to Hundred; vaccine development challenges on different scales*
Marc Kaptein, Pfizer

The Cube

The future of: Humanized models

Session chair: Han van de Sandt, TNO

- *3D-organotypic skin cultures for research and screening purposes*
Abdoel el Ghalbzouri, LUMC
- *The future of humanized in vitro and ex vivo ADME models*
Evita van de Steeg, TNO
- *On the Edge of Possible: Brain Organoids alongside Animal Models to study Neurodevelopmental Disorders*
Sharon Kolk, Radboud Universiteit

15.45-16.00 The Imperial / The Square

Plenary closure

16.00-17.00 The Lounge

Informal networking session with drinks and snacks, supported by





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Floorplan ECC Leiden

