

# Scientific Program | September 06-07, 2023

## 16<sup>th</sup> World Drug Delivery Summit

### Speaker Forum

Chair's Opening Remarks

*Dr. Stefan Bracht, Vice President Head of Drug Delivery Innovation, Bayer*

Talk 1

**Title:** How Will AI and Machine-Learning Technologies Change our Industry?

*Sebastian Kube, Senior Data Scientist, Boehringer Ingelheim*

Talk 2

**Title:** Process Intensification of Solid Oral Dosage Forms Manufacturing via Semi-Continuous Fluidized Bed Granulation

*Adrian Funke, Head of CMC Predictive Development Bayer Science Fellow, Bayer*

Talk 3

**Title:** Technologies and Patient Centric Solutions to Address the Paradigm "Treat the Patient, not the Disease"

*Luigi Boltri, Senior Director, Pharmaceutical Sciences, Adare*

Talk 4

**Title:** Transformational Drug Load Improvements in Injectable Hydrogels – The Power of Small Particles

*Tamas Solymosi, Lead Scientist, Nanoform*

Talk 5

**Title:** Focus on Patients and Medical Devices for Subcutaneous Drug Delivery

*Dr. Sabine Websky, Head Medical Affairs & Applied Technologies, Gerresheimer*

Talk 6

**Title:** New Insights in the Endothelial Transport of Orally Administered PEGylated Mixed Micelles

*Rene Van Nostrum, Associate Professor, Pharmaceutical Sciences, Utrecht University*

Talk 7

**Title:** Novel Nanotechnologies for Mucosal Delivery of Small Molecules and Biologics: Old Problems but New Solutions

*Dr. Andreas Bernkop-Schnürch, Head of the Department Center for Chemistry and Biomedicine, Innsbruck University*

Talk 8

**Title:** Parenteral Drug-Device Combination Products – Data Package, Integrated Control Strategy, and Platform Approach for Successful Submissions

*Corinna Sonderegger, Executive Director Competence Center, Global Device & Packaging Development (GDPD), Novartis*

Talk 9

**Title:** Lycagel : Soft Capsule Performance/ Stability vs Gelatin

*Steve Amoussou-Guenou, Global Technical Developer, Roquette*

Talk 10

**Title:** Not on Demand | Challenges in Development of Highly Drug Loaded, Redispersible Api Nanoparticle Containing Tablets

*Christoph Nüboldt, Scientist, Invite-GmbH*