

# The 8<sup>th</sup> International Symposium on Solid Oral Dosage Forms

## Preliminary program

### Monday, 22 September

16.00 – 16.30 Registration & Poster mounting

16.30 – 16.40 Opening of the conference

#### Chair: Name

16.40 – 17.20 **Plenary lecture: Powder compression and compaction – assessment and prediction**  
*Göran Alderborn, Uppsala University, Sweden*

17.20 – 17.50 **GaBi Award: Oral delivery of macromolecules formulated with permeation enhancers**  
*Staffan Berg, AstraZeneca, Sweden*

17.50 – 19.30 **Poster Session and Exhibition with Welcome Mingle (food and drinks)**

### Tuesday, 23 September

08.00 - 8.45 Registration & Poster mounting

08.45 – 8.55 Welcome

#### SESSION 1: Manufacturing

##### Chair: Name

08.55 – 9.40 **Plenary lecture: Sustainability and life cycle analysis**  
*George Grimsey Jones, Croda International, UK*

09.40 – 10.05 **Artificial intelligence and machine learning in tablet manufacturing**  
*Anne Juppo, University of Helsinki, Finland*

10.05 – 10.35 **Coffee, Posters & Exhibition**

10.35 – 11.00 **Selection of excipients to design Continuous Manufacturing Processes**  
*Pirjo Tajarobi, AstraZeneca, Sweden*

11.00 – 11.25 **Technology transfer from batch to continuous manufacturing**  
*Ossi Korhonen, University of Eastern Finland, Finland*

11.25 – 11.50 **Solid-state characterisation to guide formulation optimisation**  
*Martin Lindsjö, Magle Chemoswed, Sweden*

11.50 – 13.00 **Lunch**

## **SESSION 2: Prediction and advanced characterization**

### **Chair: Name**

13.00 – 13.45 **Plenary lecture: 'AI and simulation – a new era for accelerated pharmaceutical development'**  
*Gavin Reynolds, AstraZeneca, UK*

13.45 – 14.10 **Digital process design – digital twin/PBPK model software**  
*Guillermo Jimeno, Siemens, UK*

14.10 – 14.40 **Accelerated development of complex oral solid dosage forms: impact of process parameters of quality attributes**  
*Friedrike Guetter, Korsch AG, Berlin*

14.40 – 15.05 **Coffee, Posters & Exhibition**

15.05 – 15.30 **Modelling powder compression and compaction – nonlocal elastoplastic-adhesive contact model**  
*Göran Frenning, Uppsala University, Sweden*

15.30 – 15.55 **Insights to solid formulations – analytical tools for the micro-scale structural analysis**  
*Denny Mahlin, RISE, Sweden*

15.55 – 16.20 **From material to product Performance: digital-driven formulation design**  
*Daniel Markl, University of Strathclyde, UK*

16.20 – 16.45 **Cracking the code for oral amorphous drugs**  
*Staffan Schantz, AstraZeneca, Sweden*

17.30 – 18.30 **Posters, Exhibition & drinks**

19.00 *Symposium Dinner*

## Wednesday, 24 September

08.30 – 8.45 Welcome

### SESSION 3: Further developments

Chair: Name

08.45 – 9.30 **Plenary lecture: Regulatory aspects of excipients**  
*Lotte Kok, Novo Nordisk, Denmark and IPEC Europe*

09.30 – 9.55 **PHARMECO advancing SSbD practices in pharmaceutical manufacturing**  
*Nicolaas Schipper, RISE, Sweden*

09.55 – 10.25 **Coffee, Posters & Exhibition**

10.25 – 10.50 **Porous algae cellulose for stable amorphous solid dispersions**  
*Albert Mihranyan, Veltio Pharma and Uppsala University, Sweden*

10.50 – 11.15 **Accelerating use of new excipient suppliers**  
*Iain Moore, EXCiPACT, UK*

11.15 – 11.30 Presentation selected from abstracts

11.30 – 12.00 Presentation – Platina sponsor

**12.00 – 13.15 Lunch**

### SESSION 4: New developments

13.15 – 14.00 **Plenary lecture: understanding formulation development better through machine learning analysis**  
*René Holm, University of Southern Denmark, Denmark*

14.00 – 14.25 **Fully amorphous hybrid nanoparticles with enhanced clinical properties – scaling hyNap™ to GMP and regulatory approval**  
*Per Andersson, XSpray, Sweden*

14.25 – 15.00 **Coffee, Posters & Exhibition**

15.00 – 15.15 Presentation selected from abstracts

15.15 – 15.40 **Extemporaneous preparations, precision medicines and individualised dosage forms for a sustainable health care**  
*Christel Bergström, Uppsala University, Sweden*

15.40 – 15.50 Closing remarks

## Sponsors

