

## Program of Session L

### Industrial Crystallization

**L1: August 7 (Thursday), 11:00-12:30**

**Room: 308**

**Chair: Dachuan Yin**

<b>11:00-11:25</b>	<b>L01(Invited)</b> Understanding Nucleation Mechanisms of Supersaturated Cocrystal Solutions <b>Mingzhong Li, De Montfort University, UNITED KINGDOM</b>
<b>11:25-11:50</b>	<b>L02 (Invited)</b> Development of Tizanidine Drug-Drug Cocrystal Based on Structure-Activity Relationship Regulation and its Evaluation <b>Xin Huang, Tianjin University, CHINA</b>
<b>11:50-12:15</b>	<b>L03 (Invited)</b> Dendritic pattern during evaporative crystallization of a feng-flavor Baijiu droplet <b>Yongming Liu, Sanming University, CHINA</b>
<b>12:15-12:30</b>	<b>L04 (Oral)</b> Beyond Thermal Dehydration: Sustainable Crystallization-based Synthesis of Calcium Sulfate Hemihydrate <b>Selina Reig<sup>1</sup>, alexander E.S. Van Driessche, Tomasz M. Stawski, Sebastian Koltzenburg, Werner Kunz, Matthias Kellermeier, University of Regensburg, SPAIN</b>

**L2: August 7 (Thursday), 14:00-15:20**

**Room: 308**

**Chair: Hongxun Hao**

<b>14:00-14:25</b>	<b>L05 (Invited)</b> Research and application of particle size distribution control for pharmaceutical products <b>Guan Wang, Xiangyu Sun, Xia Jiang, University of Jinan, CHINA</b>
<b>14:25-14:50</b>	<b>L06 (Invited)</b> New Strategies for Energy and Sensitivity Regulation in Perovskite Energetic Materials <b>Yuan Gao, Nanjing University of Science and Technology, CHINA</b>
<b>14:50-15:05</b>	<b>L07 (Oral)</b> Precise Optimization of Particle Size Distribution in Continuous Cooling Crystallization Based on Multiscale CFD-PBE Simulation and Tubular Crystallizer <b>Mingpu Yuan, Jingkang Wang, Mingyu Chen, Ting Wang, Na Wang, Xin Huang, Hongxun Hao, Tianjin University, CHINA</b>

**15:05-15:20**      **L08 (Oral)**  
3D Modeling of Cz Silicon Growth with Horizontal Magnetic Field with Effects of Asymmetric Elements of Crystal Growth Furnace  
**Andrey Smirnov, Aleksa Crnobraja, Petar Jovanovic, Alex Galyukov, STR Belgrade, SERBIA AND MONTENEGRO**

**L3: August 7 (Thursday), 16:00-17:15**

**Room: 308**

**Chair: Xin Huang**

**16:00-16:25**      **L09 (Invited)**  
Cocrystal Engineering for Sustained Release of Dicamba: Mitigating Secondary Drift and Reducing Leaching  
**Na Wang, Chuanhua Wu, Hongxun Hao, Tianjin University, CHINA**

**16:25-16:50**      **L10 (Invited)**  
The application of protein crystals for tumor phototheranostics  
**Renbin Zhou, Junle Qu, Dachuan Yin, Northwestern Polytechnical University, CHINA**

**16:50-17:15**      **L11(Invited)**  
Protein Nucleation via Dynamic Rearrangement and Compaction of Dense Liquid Clusters  
**Tuodi Zhang, Affiliated Hospital of Nantong University, CHINA**