

EFCE Spotlight Talks

Working Party on Crystallization

12
March
2026

15:00-17:00
CET



Crystallization for pharmaceutical applications

Join leading experts from academia and industry as they present recent advances in crystallization for pharmaceutical applications. This webinar will explore the fundamentals of crystallization, process development from experimental methods to industrial perspectives. The session will bridge cutting-edge research with real-world pharmaceutical needs.

Don't miss this in-depth look into the present and future of pharmaceutical crystallization.

PROGRAM

- 15:00 **Welcome and introduction**
Daniele Marchisio, Chair of the Working Party On Crystallization
Antonello Raponi, Ecole des Mines de St Etienne - France
António Gonçalves da Silva, EFCE Executive Vice-President
- 15:10 **Quality-by-control and digital design approaches for crystallization systems**
Zoltan K. Nagy, Davidson School of Chemical Engineering, Purdue University
West Lafayette, Indiana - United States
- 15:35 **In-silico-first strategy for designing crystallization processes for pharmaceutical APIs**
Neda Nazemifard, Synthetic Molecule Process Development, Takeda Development Center Americas, Inc., Cambridge, Massachusetts - United States
- 16:00 **Advancing convection-free protein crystallization: modulating silica-gel interactions to enhance nucleation"**
Lorena Pasero, Department of Applied Science and technology, Politecnico di Torino – Italy
- 16:25 **Ab initio modeling in the development of the crystallization processes for pharmaceuticals**
Christopher Burcham, Department of Chemical and Biomolecular Engineering, University of Illinois, Urbana-Champaign - United States
- 16:50 **Concluding remarks**
Daniele Marchisio, Chair of the Working Party On Crystallization
Antonello Raponi, Ecole des Mines de St Etienne - France

[REGISTRATION](#)

free of charge but mandatory

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