

# Nordic Workshop on Pharmaceutical Crystallization Process Development and Scale-Up

12th October, 2018

LEO Pharma, Industriparken 32, 2750 Ballerup, Copenhagen, Denmark

Crystallization is often used as a key final and intermediate separation/purification unit operation in pharmaceutical production where more than 90% of small molecule drugs are produced in crystalline form. Operation conditions and scale determine process metrics such as mean crystal size, yield, space-time yield and crystal quality attributes like crystal size distribution, crystal shape, morphology as well as solvates. The crystal product properties affect the efficiency of downstream unit operations such as filtration, drying and formulation as well as the stability and efficacy of drugs. As a part of DFF funded ProPharm project, we are organizing the first nordic workshop on pharmaceutical crystallization process development and scale-up. This is an event for scientists interested in learning and sharing about best practices for pharmaceutical crystallization process development and scale-up. Applications and case-studies will be presented by your international peers from related academia and industries.

## The major topics addressed in the workshop will be:

- Multi-scale crystallization process modeling including scale-up
- Experimentation for improved process analysis as well as model validation
- Model-based optimization and control technology
- Model-based solvent and antisolvent screening tool for early stage process development

Interested participants in presenting contributions of results of ongoing research as well as published results are invited to submit a one page abstract and register on:

<http://www.conferencemanager.dk/propharm>

## Confirmed international speakers

Title: *"Crystallization systems engineering and control for intelligent manufacturing of particulates"*

Prof. Zoltan Nagy from the Purdue University, USA



Title: *"In situ monitoring of crystallization processes"*

Dr. Alison Nordon from University of Strathclyde, UK



## Important dates

Call for abstract: 1st of March  
2018

Abstract submission: 20th of  
June 2018

Notification of acceptance:  
30th of June 2018

Workshop technical program  
notification: 1st of August  
2018

Early bird registration: 12th of  
September 2018

Late registration: 1st of  
October 2018

## Organizing committee

Gürkan Sin (Chair), Haiyan Qu, Getachew  
S. Molla, Michael Frederick Freitag, Stuart  
Michael Stocks, Heidi Lopez de Diego



## Contact Details

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