The program of the symposium will cover pharmaceutical aspects of solid oral dosage forms; from material science tetrahedron and characterization to oral biopharmaceutics tools, sensors and in-vivo devices. In addition, continuous manufacturing and additive manufacturing technologies will be discussed as well as the regulatory aspects of these and other new opportunities for the future.

Who should attend
The symposium is intended for people concerned with design, production and quality assurance of solid oral dosage forms and who are interested in increasing their knowledge in this important field of the pharmaceutical sciences. The program has a scientific focus and topics of interest to the industry and researchers within the academic community will be addressed.

Program
Day 1: Starts Sunday April 7, 16.00 hrs with registration, mingle and lectures

Day 2: Session 1: Material Science Tetrahedron
Plenary: Crystal engineering of drug substances
Mike Zaworotko, University of Limerick, Ireland

Advances in amorphous drug formulation
Thomas Rades, University of Copenhagen, Denmark

Investigation of microstructure of pharmaceutical materials by X-ray tomography
Fredrik Forsberg, Luleå University of Technology, Sweden

Characterization of solid dosage forms by ToF-SIMS
Mark Nicholas, AstraZeneca Gothenburg, Sweden

Session 2: Manufacturing – process understanding and control
Plenary: Case studies from an academic perspective in switching from batch to continuous pharmaceutical drug product manufacturing
Thomas de Beer, Ghent University, Belgium

Additive manufacturing of personalized pharmaceuticals
Jukka Rantanen, University of Copenhagen, Denmark

Challenges for continuous manufacturing in pharmaceutical industry
Pirjo Tajarobi/Håkan Wikström, AstraZeneca Gothenburg, Sweden

Tools for analysing and predicting powder compression and compaction properties
Göran Alderborn, Uppsala University, Sweden

Real time prediction of tablet dissolution
Robert Zuban, Sartorius-Stedim

Final Announcement
7th International Symposium on Solid Oral Dosage Forms
April 7-9, 2019, Mölndal, Sweden
Day 3: Session 3: Biopharmacy
Plenary: Impact of gastrointestinal variabilities on in vivo drug product performance in special patient groups
Sandra Klein, Ernst-Moritz-Arndt-Universität Greifswald, Germany
New tools to delineate processes important for absorption from enabling oral dosage forms
Christel Bergström, Uppsala University, Sweden
Nanoparticles, colloidal structures and hydrodynamics – combined effects in intestinal drug absorption
Erik Sjögren, Uppsala University and Pharmetheus, Sweden

Session 4: New opportunities and regulatory aspects
Plenary: Regulatory handling of novel manufacturing principles
Øyvind Holte, Norwegian Medical Agency, Norway
Disintegration of IR tablets: Comparison of fasted and fed state and robustness of tablet formulation
Peter Langguth, Johannes Gutenberg University, Mainz, Germany
Development of ODT’s and chewable tablets – with a focus on the advantages of co-processed excipients
Mark Plunkett, Fuji Chemical Industries Co. Ltd, Sweden

Participation fees, notification and cancellation
The participation fees for Industry delegates is 5000 SEK, for Academic delegates 3500 SEK and for PhD delegates 2000 SEK before March 7, 2019. Included in the fees are coffee/tea and lunches. The symposium dinner fee is 350 SEK. All prices are excluding VAT.

Notification to this symposium is made on our web site and in case of cancellation, it is made without charge latest one month prior to the start of the meeting.

Abstract Information
The program includes a poster session, to which all delegates may apply. PhD/Postdocs/Graduate students and delegates are encouraged to submit their poster abstracts before January 14, 2019. The poster abstract should be sent as a word document to jenny.hagberg@lakemedelsakademin.se. For abstract and poster instructions please visit www.lakemedelsakademin.se/solid oral dosage forms. From the submitted abstracts we will choose a few extra speakers. Kindly indicate if you wish to speak when submitting the abstract.

Partner/Exhibitors
This Symposium has the following partners who also will be exhibiting: Galenica, Recipharm, APL, Dow, Fujichemical, Sartorius and BASF.

Venue and dinner
The meeting will take place at AstraZeneca in Mölndal. It starts Sunday April 7 at 16.00 with registration, mingle and lectures. On Monday April 8, the symposium starts at 08.45 hrs with registration from 08.00 hrs. The program ends April 9 at approximately 15.45 hrs. The official language is English.

A symposium dinner will be held April 8 at AstraZeneca at 18.30 hrs. The fee is 350 SEK and needs to be pre-booked when signing up for the symposium.

Hotel reservation
Scandic Mölndal near our venue, offer good prices for delegates to this symposium. Please visit our web site for a booking link and details about the hotel.