



27th Annual Symposium of the Finnish Society of Physical Pharmacy
Analytical Techniques in Pharmaceutical Sciences
21st-22nd January 2016, University of Helsinki, Meilahti campus

Thursday 21st of January

- 8:30 a.m. Registration
- 8:55 a.m. Opening the symposium
Satellite session with Northern Pharma Network
- 9:00 a.m. **Pharmaceutical applications of electrospray/spinning**
Prof. Jyrki Heinämäki (University of Tartu)
- 9:30 a.m. **Rapid identification of enabling formulation strategies for successful delivery of poorly soluble compounds**
Dr. Christel Bergström (Uppsala University)
- 10:00 a.m. Coffee break and poster session
- 10:45 a.m. **Material sparing (miniature) approaches**
Prof. Jukka Rantanen (University of Copenhagen)
- 11:15 a.m. **In vitro dissolution-/permeation-studies on enabling oral formulations**
Prof. Martin Brandl (University of Southern Denmark)
- 11:45 a.m. End of the satellite session
- 12:00 a.m. Lunch and poster session
- 1:15 p.m. **Thermal analysis of amorphous materials**
Prof. Thomas Rades (University of Copenhagen)
- 1:45 p.m. **Microscopy/interferometry**
Dr. Ivan Kassamakov (University of Helsinki)
- 2:15 p.m. Coffee break and poster session
- 2:45 p.m. **Novel approaches to GI dissolution: Case studies with 3-dimensional molar extinction profiles**
George Butcher (Sirius analytical, UK)
- 3:15 p.m. **Permeability tools for drug discovery and formulation development**
Prof. Annette Bauer-Brandl (University of Southern Denmark)
- 4:00 p.m. Annual meeting of the Society of Physical Pharmacy
- 6:00 p.m. Dinner (Graniittilinna, Säästöpankinranta 6, 00530 Helsinki)



Friday 22nd of January

- 9:30 a.m. **Vibrational spectroscopic analysis in a solid state context**
Prof. Clare Strachan (University of Helsinki)
- 10:00 a.m. **Solid state NMR in studying pharmacologically interesting molecules**
Dr. Elina Sievänen (University of Jyväskylä)
- 10:30 a.m. **Protein adsorption – using a range of different methods**
Prof. Lene Jørgensen (University of Copenhagen)
- 11:00 a.m. **Online analytical methods**
Svanholm
- 11:15 a.m. Coffee break
- 11:40 a.m. **Solid state transitions in 2-phase dissolution experiments**
Dr. Anna Shevchenko (Orion)
- 12:10 a.m. **Characterization of orodispersible dosage forms**
Dr. Maren Preis (Åbo Akademi)
- 12:55 a.m. End of the symposium
- 1:00 p.m. Lunch