



# POORLY SOLUBLE DRUGS WORKSHOP



15<sup>th</sup> September 2011

College of Pharmacy, Univ. Lille Nord de France, Lille, France

The APGI (Association de Pharmacie Galénique Industrielle) is organizing for the first time a workshop dedicated to the appropriate formulation of poorly water-soluble drugs. During the one day event, oral and poster presentations from academia and industry as well as practical demonstrations (in small groups) are foreseen.

The entire spectrum, ranging from engineering aspects during the manufacturing process, the portfolio of commercially available excipients able to increase apparent drug solubility and/or to stabilize the systems during long term storage, the underlying drug release mechanisms and physical principles, characterization methods for the key properties of the devices as well as potential pitfalls and hurdles to be overcome during product development will be addressed.

As practical demonstrations are included, the maximum number of participants is limited to 150.

The workshop will be held at the University of Lille, College of Pharmacy, 3 Rue du Professeur Laguesse, 59006 Lille, France. For travel information, please visit our website: [www.apgi.org/2011\\_WS](http://www.apgi.org/2011_WS).

Lille can be easily reached by train (TGV and Eurostar: 30 min from Brussels, 1 h from Paris, 1.2 h from London), by plane (Lille Lesquin Airport, or Paris Charles de Gaulle Airport – 50 min by train, or Brussels International Airport – 2x30 min by train) as well as by car.

Details on accommodation, registration fees, important deadlines and sponsoring possibilities are available on our website: [www.apgi.org/2011\\_WS](http://www.apgi.org/2011_WS).

## Invited speakers

- Prof. T. Rades, University of Dunedin, Otago, New-Zealand
- Prof. T. Loftsson, University of Iceland, Reykjavik, Iceland
- Prof. M. Descamps, Univ. Lille Nord de France, France
- Dr. J. Moeschwitzer, Abbott, The Netherlands
- Dr. S. Skrabs, Bayer Schering Pharma, Germany
- Prof. J. Siepmann, Univ. Lille Nord de France, Lille, France



## Contact



For further information,  
please visit our website:

[www.apgi.org/2011\\_WS](http://www.apgi.org/2011_WS)



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## Scientific programme

9:00-9:05	Registration, coffee Welcome
9:05-9:30	<b>Prof. Dr. J. Siepmann, Univ Lille Nord de France, Lille, France</b> Mathematical modeling of drug dissolution
9:30-9:55	<b>Prof. Dr. M. Descamps, Univ Lille Nord de France, Lille, France</b> Physical characterization methods for poorly soluble drugs and delivery systems
9:55-10:20	<b>Prof. Dr. T. Rades, University of Dunedin, Otago, New-Zealand</b> Drugs in the amorphous state: Challenges and strategies
10:20-10:50	Coffee break, poster view and exhibition
10:50-11:15	<b>Prof. Dr. T. Loftsson, University of Iceland, Reykjavik, Iceland</b> Cyclodextrins: Possibilities and limitations
11:15-11:40	<b>Seppic, speaker to be announced, France</b> Innovative surfactant systems increasing drug solubility
11:40-12:05	<b>Dr. P. Hebestreit, BASF, Germany</b> Soluplus: A polymer for hot-melt extrusion
12:05-13:45	Lunch break, poster view and exhibition
13:45-15:45	<b>Practical demonstrations (6 x 20 min)</b> Hot melt extrusion: Leistritz, ThermoScientific Dissolution testing: Paraytec, Sotax Image analysis and Raman spectroscopy: Malvern Spray-drying: ProCepT
15:45-16:15	Coffee break, poster view and exhibition
16:15-16:40	<b>Dr. A. Rajabi-Siahboomi, Colorcon, USA</b> The potential of cellulose derivatives to increase drug solubility
16:40-17:05	<b>Dr. K. Nollenberger, Evonik, Germany</b> Case studies for improving drug solubility with poly(meth)acrylates using different manufacturing technologies
17:05-17:30	<b>Dr. J. Moeschwitzer, Abbott, Germany</b> Poorly water-soluble drugs from an industrial perspective
17:30-17:55	<b>Dr. S. Skrabs, Bayer Schering Pharma, Germany</b> Development of a solid solution formulation with a solvent evaporation technique
17:55-18:00	Closing of the workshop

**Exhibitors:** Croda, ISP, Malvern, Paraytec, ProCepT, Roquette, SEPPIC, Sotax

## Registration fees

The registration form is available on our website: [www.apgi.org/2011\\_WS](http://www.apgi.org/2011_WS)

	Before 30 <sup>th</sup> June, 2011	After 30 <sup>th</sup> June, 2011
APGI-Member	400 € + VAT	500 € + VAT
Non-Member	500 € + VAT *	600 € + VAT *

\* including APGI membership fee for 2011