The APGI (Association de Pharmacie Galénique Industrielle) is organizing for the first time a workshop dedicated to Oral Controlled Release Solid Dosage forms. This includes matrix systems as well as coated dosage forms, such as tablets, pellets and capsules.

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 allowing to formulate a large variety of drugs, the underlying mass transport 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.

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.

Invited speakers will talk on hot topics

**From academia**
- **Prof. R. Bodmeier** (Freie Universitaet Berlin) on formulation strategies
- **Prof. T. De Beer** (University of Ghent) on PAT for tabletting
- **Prof. J. Dressman** (University of Frankfurt) on bio-relevant release media
- **Dr. J. Goole** (Free University of Brussels) on liquid oral controlled release formulations
- **Prof. T. Rades** (University of Copenhagen) on advanced physico-chemical characterization techniques
- **Prof. J. Siepmann** (University of Lille) on drug release mechanisms and mathematical modeling

**From the industry**
- **Dr. Thorsten Cech** (BASF) on sustained release formulations resistant towards alcohol induced dose dumping
- **Dr. M. Dadparvar** (Evonik) on customized release
- **Dr. A. Rajabi-Siahboomi** (Colorcon) on controlled release matrix tablets
- **Dr. Klaus Wening** (Gruenenthal) on tamper-resistant dosage forms

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.
Practical demonstrations (in small groups) will be held on

- R&D tablet coating (ProCepT)
- Compression coating (Medelpharm)
- Compression (Gamlen Tableting)
- Hot melt extrusion (Thermo Fisher Scientific)
- UV-imaging (Sirius Analytical)
- Dissolution testing (Sotax)

Exhibitors: BASF, Biogrund, Evonik, Gamlen Tableting, ProCepT, Shin-Etsu, Sirius Analytical, Sotax, Thermo Fisher Scientific

Oral controlled release solid dosage forms are of great practical importance, allowing to optimize the resulting drug concentrations at the site of action in the human body. Hence, the therapeutic efficacy of the drug treatment can be improved, while the risk of toxic side effects be limited. In addition, the administration frequency can be reduced, leading to increased patient compliance. Different types of solid oral dosage forms can be used to accurately control the release of a drug within the gastro intestinal tract. This includes matrix systems and coated dosage forms (e.g. tablets, pellets and capsules). However, it can be very challenging to provide a desired release profile for a particular drug at a given dose. Also, the variability of the environmental conditions in the gastro intestinal tract, the potential ethanol-sensitivity of dosage forms containing highly potent drugs, as well as the risk of abuse of controlled release dosage forms containing high amounts of opioids, are important aspects to be considered.

This workshop will give an update on the current state of the art of how to best formulate oral controlled release solid dosage forms. An overview on the available excipients, preparation techniques and apparatuses, characterization methods and future strategies will be given by worldwide leading experts in the field.

For further information:

APGI
5 Rue Jean Baptiste Clément
92290 Châtenay-Malabry, France
Tel: +33-6-29366739
apgi.asso@u-psud.fr

Registrations fees:

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<td>APGI-Member</td>
<td>500 € + VAT</td>
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* including APGI membership fee for 2017

Visit our website: https://www.apgi.org/workshops-ocr-ws-2017-home