

# 11<sup>th</sup> International Controlled Release Seminar

May 31 - June 1, 2017 – Darmstadt, Germany



# Overview

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## Date

May 31 – June 1, 2017

## Venue

Evonik Nutrition & Care GmbH  
Kirschenallee 45  
64293 Darmstadt  
Germany

## Participation fee

Free of charge

## Accommodation

We have arranged an allotment of rooms at several nearby hotels. For further information please see the invitation e-mail.

## Seminar language

English

## Registration

Log in to our online platform e-Lab at [evonik.com/e-lab](https://evonik.com/e-lab) and register in our "Workshop Cockpit" in just a few steps. Alternatively please register [here](#).

## Questions?

If you have questions on the seminar or need assistance with your travel planning please do not hesitate to contact Mr. Dennis Görge (dennis.goerges@evonik.com).



# Agenda day 1

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|------------|---|------------|---|
| 08.30 a.m. | <b>Registration &amp; welcome coffee</b>  | 12.45 p.m. | <b>EUDRATEC® - Advanced drug delivery for special needs</b><br>Hans Baer (Head of Oral Drug Delivery)   |
| 09.00 a.m. | <b>Welcome &amp; introduction</b><br>Dr. Brigitte Skalsky (Senior Director Scientific Communication)  | 01.30 p.m. | <b>Lunch buffet</b>   |
| 09.30 a.m. | <b>The role and importance of controlled release oral dosage forms in the global pharmaceutical market – a review</b><br>Hans Baer (Head of Oral Drug Delivery) | 02.30 p.m. | <b>Curing process optimization following the QbD guidelines</b><br>Felix Hofmann (Technical Project Coordinator)                                |
| 10:00 a.m. | <b>The EUDRAGIT® world – products and key characteristics</b><br>Dr. Brigitte Skalsky (Senior Director Scientific Communication)                                | 03.15 p.m. | <b>Matrix tablets with EUDRAGIT® polymers – a real alternative to cellulosics</b><br>Dr. Theresia Kuntz (Director Formul. & Applicat. Services) |
| 10.30 a.m. | <b>Coffee break</b>   | 03.45 p.m. | <b>Coffee break</b>   |
| 11:00 a.m. | <b>Formulation basics – what to consider</b><br>Wolfgang Weisbrod (Principal Scientist Technical Service)   | 04.15 p.m. | <b>3D printing of medicines</b><br>Prof. Dr. Abdul Basit (UCL School of Pharmacy, UK)   |
| 11.30 a.m. | <b>Coating process parameters – recommendations and limits</b><br>Nina Hauschildt (Principal Scientist Technical Service)                                       | 04.45 p.m. | <b>Parenteral controlled release – biodegradable micro-particles and implants</b><br>Dr. Andrea Engel (Head of Particle Formulation Laboratory) |
| 12.00 a.m. | <b>Customized release - how to design a formulation according to your specific requirements</b><br>Dr. Miriam Dadparvar (Head of Customer Projects)             | 05.30 p.m. | <b>End of day 1</b>   |
|            |   | 07.00 p.m. | <b>Invitation for dinner</b>  |

## Agenda day 2

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| 09.00 a.m. | <b>High efficiency equipment cleaning with Chematic® Cleaners</b><br>Dan Dobrez (Dober, USA)   | 02.30 p.m. | <b>Coffee break</b>   |
| 09.30 a.m. | <b>Practical demonstrations at Evonik laboratories</b> <ul style="list-style-type: none"><li>• In-process curing in the fluid bed</li><li>• IntelliCap® – A highly effective tool for targeted modified release formulation development</li><li>• Multi layer coatings</li><li>• Advanced cleaning of equipment</li><li>• Polymer combinations for tailored dissolution profiles</li></ul> | 03.00 p.m. | <b>Industrial case study: How to mimic OROS release kinetics through multiparticulates coated with EUDRAGIT® polymers</b><br>Dr. Theresia Kuntz (Director Formul. & Applicat. Services) |
| 12.15 p.m. | <b>Lunch buffet</b>  | 03.30 p.m. | <b>A survey on IVIVC/IVIVR development in the pharmaceutical industry - past experience and current perspectives</b><br>Prof. Dr. Peter Langguth (University of Mainz, Germany)         |
| 01.00 p.m. | <b>Interactive session: Troubleshooting</b><br>Dr. Theresia Kuntz (Director Formul. & Applicat. Services)<br>Felix Hofmann (Technical Project Coordinator)   | 04.15 p.m. | <b>Concluding remarks</b>   |
| 02.00 p.m. | <b>Evonik formulation development services</b><br>Felix Hofmann (Technical Project Coordinator)  | 04.30 p.m. | <b>End of workshop</b><br>Time for face-to-face discussions   |