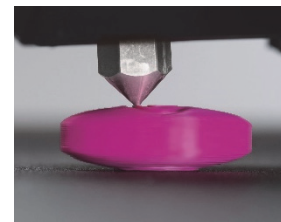


2nd Seminar on Formulation Designs for Challenging Needs

March 31, 2020 – Nottingham, UK



University of
Nottingham
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 **EVONIK**
POWER TO CREATE

Overview

Date

March 31, 2020

Venue

University of Nottingham
Senate Chamber, Trent Building
Jubilee Ave, Nottingham NG7 2RD
UK

Participation fee

Free of charge

Accommodation

There are several hotels near to the venue. For further information please see the invitation e-mail.

Seminar language

English

Registration

To register for the event please click [here](#).

Questions?

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



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Agenda

09.30 a.m. **Registration & welcome coffee**

10.00 a.m. **Welcome & introduction**

Prof. Dr. Snow Stolnik-Trenkic (University of Nottingham)
George-William Smith (Evonik Health Care)

HOW TO MAKE POORLY SOLUBLE DRUGS BIOAVAILABLE

10.15 a.m. **Lymphatic transport and targeting of drugs**

Dr. Pavel Gershkovich (University of Nottingham)

10.45 a.m. **Case study: Development of a taste-masked orodispersible ritonavir tablet - from concept to in-vitro characterization**

Nina Hauschildt (Evonik Health Care)

11.15 a.m. **The industrial perspective: Amorphous solid dispersions**

Dr. Jonathan Booth (Astra Zeneca)

11.45 a.m. **Particle engineering of solid dispersions for solubility enhancement**

Dr. Kathrin Nollenberger (Evonik Health Care)

12.15 p.m. **Lunch**

01.15 p.m. **Self-microemulsifying drug delivery systems (SMEDDS) for solubility enhancement – adsorption to a solid carrier**

Dr. Kathrin Nollenberger (Evonik Health Care)

3D PRINTING – MORE THAN A HYPE?

01.45 p.m. **3D printing using EUDRAGIT® polymers**

Felix Hofmann (Evonik Health Care)

02.15 p.m. **Multi-drug personalized medicines via 3D printing**

Prof. Dr. Ricky Wildman (University of Nottingham)

02.45 p.m. **Coffee break & snapshot session**

WHEN SPECIFIC DRUG RELEASE PROFILES ARE REQUIRED...

03.30 p.m. **Gastro-intestinal imaging research**

Dr. Luca Marciani (University of Nottingham)

04.00 p.m. **High precision release - tailored gastro-intestinal targeting**

Nina Hauschildt (Evonik Health Care)

04.30 p.m. **End of seminar & time for face-to-face discussions**



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Speakers



Dr. Jonathan Booth

Principle Scientist

Astra Zeneca, UK

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Felix Hofmann

Technical Sales Manager

Evonik Health Care, Germany

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Prof. Dr. Ricky Wildman

Professor of Multiphase Flow and Mechanics

University of Nottingham, UK

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Dr. Pavel Gershkovich

Associate Professor of Pharmacokinetics

University of Nottingham, UK

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Dr. Luca Marciani

Associate Professor in GI MRI

University of Nottingham, UK

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Nina Hauschildt

Principal Scientist Technical Service Excipients

Evonik Health Care, Germany

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Dr. Kathrin Nollenberger

Director Polymer & Formulation Development

Evonik Health Care, Germany

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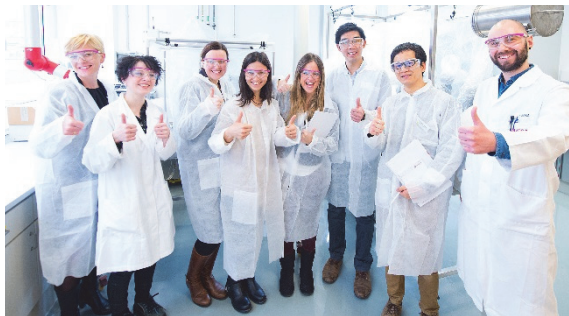
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