



**University
of Basel**

Faculty of
Medicine



The Right Dose for Every Patient

**Continuing Education Series:
Frontiers in Drug Development**

ONLINE

Thursday, 10 February, 2022

08:30 – 16:45

ECPM[®] 
European Center of Pharmaceutical Medicine

ADVANCED STUDIES

Under the auspices of
EUCOR, the European Campus
IFAPP, Int. Federation of Associations of Pharmaceutical Physicians
and Pharmaceutical Medicine

Accredited by SwAPP/SGPM and FPH SPITAL
Recognized as PharmaTrain Centre of Excellence



Invitation

Characterizing the dose response relationship and subsequent determination of an adequate dose level in humans are key objectives in the development of a medicinal product. Dose finding studies and modeling and simulation techniques play a key role in the transition of a drug from the non-clinical to the clinical phase and represent the gatekeeper for first in human studies and large confirmatory clinical trials.

With the rise of precision medicine comes a promise for greater dose flexibility to further improve efficacy and reduce adverse effects. Some groups in the population require special clinical studies due to specific dosing, pharmacokinetics and administration characteristics. The use of medicines in the elderly requires special

consideration due to the frequent occurrence of underlying diseases and the consequent risk of medicines interaction of the various treatment regimens. Gender and sex are important drivers of phenotypic variability in patient populations. Microdosing studies offer the possibility to study the mechanism of action and pharmacodynamics with sub-therapeutic exposure.

The seminar is designed to provide an overview of current concepts in non-clinical and clinical pharmacology and drug dosing with special consideration of the individual patient and the predisposition of special populations.

We look forward to meeting you and your colleagues on 10 February, 2022!



A handwritten signature in black ink, appearing to read 'Thomas Szucs'.

Prof. Dr. Thomas D. Szucs
Director



A handwritten signature in black ink, appearing to read 'Annette Mollet'.

Dr. Annette Mollet
Head of Education & Training



A handwritten signature in black ink, appearing to read 'S. Zechner'.

Dr. Stefanie Zechner
Program Director

The Right Dose for Every Patient

Chair: Piet van der Graaf, Leiden

08:00 – 08:30

Opening of Zoom channel

Opening Keynote

Piet van der Graaf, Certara, Canterbury & Leiden University, Leiden

Preclinical Applications of Model-Informed Drug Discovery and Development

Karelle Menochet, UCB Pharma S.A., Brussels

Drug Delivery in Pediatric and Geriatric Patients

Roy Turner, Idorsia, Allschwil

10:15 – 10:45

Coffee Break

Precision Dosing – an Industry Perspective

Richard Peck, F. Hoffmann – La Roche AG, Basel

Genomics and Drug Safety

Sir Munir Pirmohamed, University of Liverpool, Liverpool

12:15 – 13:15

Lunch Break

Dosing Special Populations: Pediatrics

Johannes van den Anker, UKBB, Basel

Innovative Approaches to Drug Development in Children and Pregnant Women

Saskia N. de Wildt, Radboud University, Nijmegen

14:45 – 15:15

Coffee Break

Dosing Considerations in the Geriatric Population

Francesca Cerreta, EMA, Amsterdam

Sex Differences in Preclinical Research and Implications for Early Clinical Development

Maria Teresa Ferretti & Frances-Catherine Quevenco, Women's Brain Project, Guntershausen

About Frontiers in Drug Development Seminars

ECPM offers one day seminars on new trends and developments in drug development science. These seminars provide the opportunity to integrate work and further education, to discuss with experts face-to-face and to build an international network. They take place on the fourth day of each of the six modules of the ECPM Diploma Course and are mandatory for students taking the Diploma Course. Additionally they are open to our alumni and other interested scientists and can be booked separately.

Learning Outcomes

Participants will learn about the:

- Technologies, Computer Simulation and Modeling, Personalized Medicine, Genomics, Biologicals and Biosimilars, Advanced Therapeutics
- Regulatory Agency updates from FDA, EMA and Swissmedic
- Ethical, Economic and Epidemiological Considerations and Concepts in Drug Development

Date and Venue

Thursday, February 10, 2022
Online

Registration

Via our homepage www.ecpm.ch or
www.ecpm.ch/frontiers-in-drug-development-s2

Deadline for Registration: January 30, 2022

Credits

Six workshops over a period of two years, which equal 1 ECTS credit. Accredited as continuing education with eight credits by the Swiss Society of Pharmaceutical Medicine (SGPM) and the Swiss Society of Pharmaceutical Professionals (SwAPP). Accredited with 50 FPH-points in hospital pharmacy and 50 FPH-points in clinical pharmacy by the Swiss Society FPH Spital (Fachgesellschaft FPH Spital).

Fee

Course fee including certificate and electronic course material is CHF 280 and CHF 180 for ECPM Alumni and SwAPP/SGPM members. The reduced fee applies also to participants from academia and nonprofit organizations.

After registration you will receive an invoice. For short notice registration, please send a copy of the money transfer to ecpm@unibas.ch.

Cancellation Policy

Refund of fee will be given if cancellation is received in writing before the deadline for registration, after this date no refund can be given. Speakers are subject to change without notice.

Seminar Organizer

This seminar is organized by the European Center of Pharmaceutical Medicine, University of Basel, Switzerland.

Educating Talents since 1460.

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