



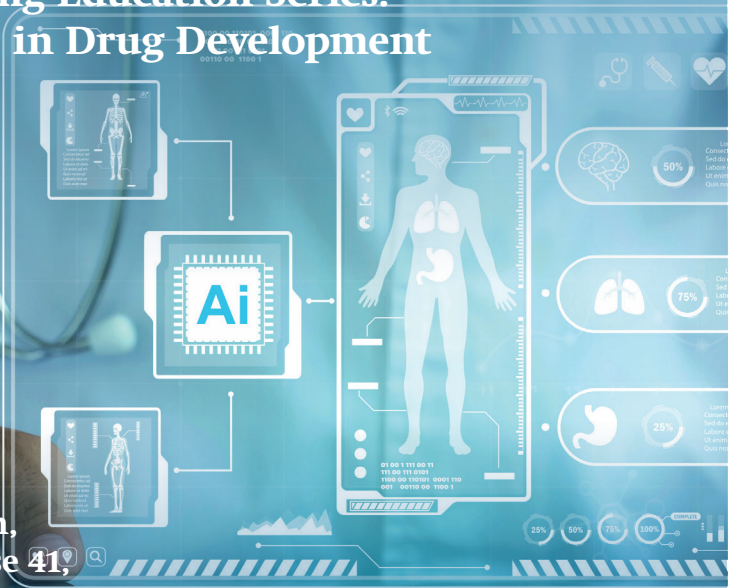
University of Basel

Faculty of Medicine



# AI across Drug Discovery and Development

## Continuing Education Series: Frontiers in Drug Development



Biozentrum,  
Spitalstrasse 41,  
4056 Basel

Thursday, 8 February, 2024  
08:30 – 16:15

**ECPM**<sup>®</sup>  
European Center of Pharmaceutical Medicine

CONTINUING  
EDUCATION

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

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We look forward to exploring the current and future application and opportunities of artificial intelligence (AI) in drug development.

This seminar is an immersive experience into the convergence of AI and drug development across many stages in the drug development process from drug discovery or repurposing to market authorisation and patient management. We welcome an experienced range of industry, regulatory and academic professionals to unravel the intricacies of how Artificial Intelligence is revolutionizing various aspects of pharmaceutical innovation.

Witness how data transforms into a potent catalyst for ground breaking advancements,

uncover hidden patterns, and see how analytics re-shape decision making in drug development. Gain insights into the ever-evolving regulatory landscape, discover strategies for compliance, and understand how AI is reshaping our approach to navigating the complexities of regulations in drug development. Delve into innovative approaches, real-time monitoring, and proactive strategies reshaping safety protocols, ensuring a secure future for pharmaceutical advancements.

Join us on February 8th 2024 at Biozentrum in Basel to learn from and discuss with the experts!



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 'Nastazja Laskowski'.

Nastazja Laskowski  
Course Director

## Program Thursday, February 8, 2024

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### **Applying Artificial Intelligence across Drug Discovery and Development**

Chair: Alessandro Blasimme, ETH Zurich

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**08:00**

### **Registration for external participants**

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**08.30 – 10:00**

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### **Artificial Intelligence in Pharma R&D**

Anna Bauer-Mehren, Roche Diagnostics, Penzburg

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### **Drug Discovery using Artificial Intelligence**

Simone Manso, Head Neurofibromatosis Therapy Development at Healx, Zurich

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**10:00 – 10:30**

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### **Coffee Break**

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### **Anticipating the Safety Profile of Biologics: the use of Computational Algorithms for Immunogenicity Prediction**

Laura Salazar-Fontana, Lausanne

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### **Artificial Intelligence across Drug Development**

Nandish Poluru, BMS, New Jersey

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**12:00 – 13:00**

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### **Lunch**

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### **Artificial Intelligence & Pharmacovigilance: What Does, Could and Should Happen?**

Andrew Bate, GSK, UK

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### **Synthetic Data as a Proxy for Real Clinical Trial Data (Zoom)**

Khaled El Emam, Canada

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**14:30 – 14:45**

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### **Coffee Break**

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### **Artificial Intelligence in Market Authorisation and Other Applications**

Alessandro Blasimme, ETH Zurich

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### **Artificial Intelligence and the Law (Zoom)**

Ryan Abbott, Los Angeles

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## About Frontiers in Drug Development Seminars

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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

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Participants will learn about:

- An overview of possible applications of AI across different stages of the drug development pipeline.
- Specific examples of applications across different therapeutic areas in big and small companies.
- Regulatory considerations and challenges accompanying the introduction of AI into drug development.

## Date and Venue

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Thursday, February 8, 2024  
University of Basel  
Biozentrum  
Spitalstrasse 41  
4056 Basel  
Switzerland

## Registration

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Via our homepage [www.ecpm.ch](http://www.ecpm.ch) or  
[www.ecpm.ch/frontiers-in-drug-development-s4](http://www.ecpm.ch/frontiers-in-drug-development-s4)

Deadline for Registration: February 1, 2024

## Credits

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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

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Course fee including certificate and electronic course material is CHF 680 and CHF 580 for ECPM Alumni and SwAPP/SGPM members. A reduced fee of CHF 200 applies 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](mailto:ecpm@unibas.ch).

## Cancellation Policy

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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

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



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Talents**  
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Institute of Pharmaceutical Medicine  
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