



**University
of Basel**

Faculty of
Medicine



Genomics in Drug Development

ECPM® 
European Center of Pharmaceutical Medicine

**CONTINUING
EDUCATION**

Course Description

To get to the point where Using Genetics and Genomics in Drug Discovery, Drug Development and in Clinical Development can be achieved, there have to be set and defined regulations and addressed questions regarding Ethical, Legal and Social Aspects as well as Data Safety and Data Protection. We will illuminate the topic in various ways to give you a deep insight.

The course will be conducted in English.

Course Program

Day 1

Basics of Genetics / Genetic Testing Networks / Genetic Epidemiology and Public Health Genetics / Using Genetics and Genomics for Target Identification and Drug Discovery

Day 2

Using Genetics and Genomics in Clinical Development/ Treatment of Genetic Diseases incl. Gene-Therapy/Genetics and Genomics in Drug Safety Evaluation/Ethical, Legal and Social Aspects incl. Data Protection Aspects

Learning Outcomes

By the end of the course, students will be able to:

- understand Genetic Epidemiology and Public Health Genetics
- know how Genetics and Genomics are used for Target Identification, Drug Discovery, in Clinical Development and in the Treatment of Genetic Diseases
- have an overview of Genetics and Genomics in Drug Safety Evaluation
- see the importance of Ethical, Legal and Social Aspects incl. Data Protection Aspects

Course Faculty

Experts representing all stakeholder groups

Target Audience

All pharmaceutical and health care professionals who are interested in getting a deeper understanding of genomics in medicines development.

Course Credits and Certificate

Participation and submission of assignment result in a Certificate of Attendance by the University of Basel with 1 ECTS credit point and is also accredited with 100 FPH-points in hospital pharmacy and 100 FPH-points in clinical pharmacy by the Swiss Society FPH Spital (Fachgesellschaft FPH Spital).

Course Date and Venue

Planned in Spring 2024

University of Basel, Biozentrum, Spitalstrasse 41,
4056 Basel, Switzerland

Course Fee

Course fee including certificate, electronic course material, lunch and coffee breaks is CHF 1950.

The reduced for participants from academia and nonprofit organizations is CHF 950.

Course Registration

www.ecpm.ch/genomics
Deadline for registration: TBC

Course Organizer

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