



**PharmaTrain**  
MASTERING MEDICINES DEVELOPMENT  
European Curricula  
for Global Expertise



Cooperative European Medicines  
Development Course

[www.semmelweis.hu/cemdc](http://www.semmelweis.hu/cemdc)

#### **4th international IMI-PharmaTrain accredited course on medicines development of the CEMDC will start at the Semmelweis University of Budapest, Hungary in October 2017**

The **aim of the medicines development course** is to train experts who understand the complex process of medicines development from molecule to the marketplace and health care. The graduates can apply this scientific and practical knowledge working in industrial medicines development, in regulatory agencies and in clinical medicines investigating centers. The diploma given by the Semmelweis University widens the career opportunities of the graduates.

The **teaching** is organized at the Semmelweis University by the CEMDC operating in the Institute of Pharmacology and Pharmacotherapy. Leading Hungarian and international academic and industrial experts deliver the educational program harmonized internationally by the IMI-PharmaTrain project.

**The modular structure of the education offers full flexibility for the students to register for the entire course or only to select individual modules according to their personal development goals. Each module lasts for 4 days and is finished by an examination.** The course is 2 years long; two modules are given during each semester in 2-3 month intervals. The course is finished by a comprehensive final diploma examination and defending a thesis.

**Students** can apply with medical, pharmaceutical, MSc or equivalent degrees. The course is open for students of all nationalities. English is the official language.

**Deadline of registration:** September 30, 2017.

**Application:** download the registration form from <http://semmelweis.hu/cemdc>

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#### **Module titles of the 4<sup>th</sup> CEMDC course**

MODULE 1. PRINCIPLES OF MEDICINES DEVELOPMENT-PLANNING AND MANAGEMENT. DISCOVERY OF MEDICINES (2017 October 26-29)

MODULE 2: NON-CLINICAL, PHARMACEUTICAL AND EARLY CLINICAL DEVELOPMENT (2017 November)

MODULE 3: CLINICAL DEVELOPMENT OF MEDICINES: EXPLORATORY AND CONFIRMATORY (2018 February)

MODULE 4: CLINICAL TRIALS (2018 May)

MODULE 5: REGULATORY AFFAIRS; DRUG SAFETY and PHARMACOVIGILANCE (2018 September)

MODULE 6: HEALTHCARE MARKETPLACE; ECONOMICS OF HEALTHCARE (2018 November)

Module 7: BIOLOGICALS AND ADVANCED THERAPIES. MEDICAL DEVICES AND DRUG COMBINATIONS (2019 February)

Module 8: GENERIC, BIOSIMILAR AND NON-Biological SIMILAR MEDICINAL PRODUCTS (2019 May)

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