The ETH Zurich as one of the world's leading universities for technology and natural sciences offers a unique postgraduate program in Radiopharmacy.

This comprehensive training enables natural scientists to assume responsibility for both the production and quality control of radiopharmaceuticals.

Partners

The program is held in cooperation with the universities of Ljubljana (Slovenia) and Leipzig (Germany) and provides essential knowledge in the following fields:

- radiopharmaceutical chemistry
- drug legislation
- quality control
- pharmaceutical technology
- pharmacology
- Clincial Radiopharmacy

Graduates will achieve the ETH degree "Certificate of Advanced Studies in Radiopharmaceutical Chemistry/ Radiopharmacy" which is recognised by the European Association of Nuclear Medicine (EANM).

CAS RADIOPHARMACY

Radiopharmaceutical Chemistry

European Training Program 2015/2016
Recognised by European Association of Nuclear Medicine (EANM)

Contact and application

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Institute of Pharmaceutical Sciences
Postgraduate Studies

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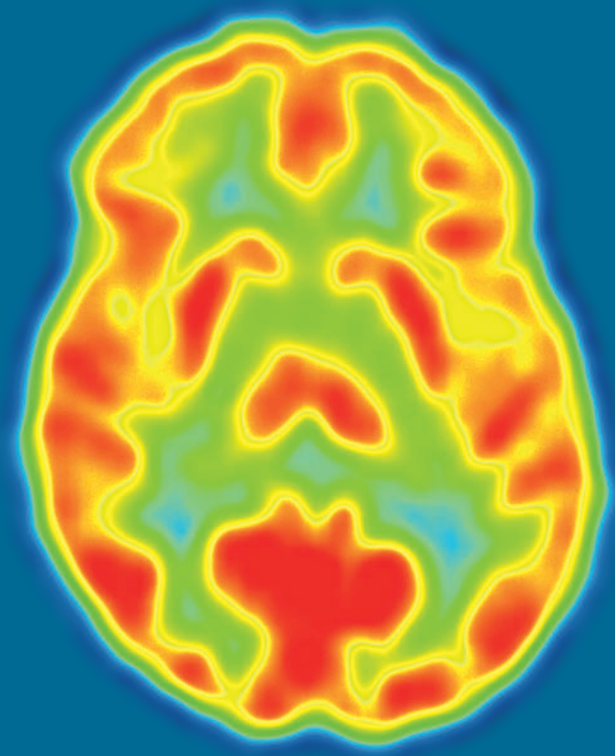
Program recognised by

EANM® European Association of Nuclear Medicine

In cooperation with

UNIVERSITÄT LEIPZIG

Univerza v Ljubljani



ETH
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Who should attend

Chemists, pharmacists and other natural scientists involved in the production, quality control and R&D of radiopharmaceuticals

What to expect

The program provides participants with the fundamental pharmaceutical and radiochemical state of the art knowledge to assume responsibility in production and quality control of radiopharmaceuticals. The course contents follow the guidelines of the European Association of Nuclear Medicine EANM and the courses are held in English.

Dr. Barbara Szot Marczewski
Formerly: Postdoctoral fellow researcher
Albert Einstein Jewish Hospital
Sao Paulo, Brasil

"It's great to see that this course was more than the usual concepts, and indeed led me into many learning and practical experiences. The course presented a respected team of teachers able to create an extremely energetic environment. I would like to thank for all information that I could transfer to my current research here in Brazil. It exceeded my expectations and was a very enlightening, well conducted and well managed course."

Module I

August 31 – September 11, 2015
University of Ljubljana, Slovenia

Pharmacy and Legislation
including:
- testing of bacterial endotoxins
- workshop on the use of the European Pharmacopoeia
- practical session in radiolabelling of blood cells

Module II

February 8 – 19, 2016
ETH Zurich, Switzerland

Radiopharmaceutical Chemistry
including:
- practical session in Tc generators and kits
- practical session in ^{18}F – and ^{11}C-radiolabelling
- practical session in radiolabelling of antibodies

Module III

September 5 – 16, 2016
University of Leipzig, Germany

Radiopharmacology and Clinical Radiopharmacy
including:
- visit to nuclear medicine unit and radiopharmaceutical GMP lab
- visit to commercial precursor manufacturer
- workshop in statistics

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Dr. Tom C. H. Adamsen
Chief Radiochemist
Haukeland University Hospital
Bergen, Norway

"The postgraduate course gave me as a chemist valuable knowledge in the pharmaceutical aspects of my field. In addition it expanded my professional network."

Admission requirements

University MSc in natural sciences or pharmaceutical sciences

Certificate

A Certificate of Advanced Studies (CAS) is issued by the ETH Zurich to candidates on successful completion of all three modules and their respective written exams. Furthermore, candidates have to prove two years of working experience in a related field and the attendance of a nationally recognised radiation protection course.

Costs

CHF 2500.- per module
including:
- tuition and practical sessions
- plant visits, course documents
- lunch and refreshments