COURSE ON:
INNOVATIVE RADIONUCLIDES AND RADIOPHARMACEUTICALS
(24th-28th June 2024)

Overview/Programme

The course “Innovative Radionuclides and Radiopharmaceuticals” is organized by the Department of Nuclear Sciences and Engineering (DECN) from Instituto Superior Técnico (IST)/University of Lisbon, a multidisciplinary academic unit focused on research, education, and innovation in the field of nuclear sciences, under the scope of the ENEN2plus project, funded by the European Union’s Euratom Research and Training Programme (EURATOM) (grant agreement No 101061677).

The course gathers a group of national and international experts that will present theoretical lectures on hot topics of Radiopharmaceutical Sciences, comprising radionuclide production, radiolabeling chemistry, in silico approaches, methods for preclinical studies with cellular and animal models, and applications of radiopharmaceuticals. The course contains also several laboratory sessions to exemplify the several steps involved in the synthesis and evaluation of a potential radiopharmaceutical. It is planned a one-day visit to the facilities of the Institute for Nuclear Sciences Applied to Health (ICNAS, Coimbra), which is the leading institution in Portugal in the production of medical radionuclides and radiopharmaceuticals. The full programme can be find at the link: http://projects.ctn.tecnico.ulisboa.pt/APaulo/ENEN/ISTCourse_Programme.pdf.

At the end of the course, the trainees will be acquainted with practical skills and scientific knowledge useful to understand the most important aspects required to bring medical radionuclides and radiopharmaceuticals from the bench to the bedside

Audience/Language

MSc, PhD students and junior scientists interested in the field of “Radiopharmaceutical Sciences”. Due to the practical nature of the course, a maximum number of 20 participants will be considered. All the classes will be taught in English.

Registration

Deadline: 31st May 2024

There are no fees but the registration is obligatory.

Application should be sent by e-mail to patricia.russo@ctn.tecnico.ulisboa.pt, and must include a brief motivation letter (max. 200 words) and a short academic CV. Due to the practical nature of the course, a maximum number of 20 participants will be considered. After the registration period, the local organizers will select the participants that will be informed of their acceptance or non-acceptance to participate in the course by the 5th June 2024.

To support their participation, participants can apply for the ENEN2plus mobility grant program.