



Innovative Facility for Isotope GENeration with Efficient Ion Accelerator

University of Ljubljana

Martina Perše, Faculty of Medicine, University of Ljubljana

Kick-off meeting

3-4 April 2025

Thessaloniki, Greece



This project has received funding from the European Union's Horizon Europe Framework Programme for Research and Innovation under grant agreement no 101186921.

- the central and largest educational and research institution in Slovenia;

Education

- a reputation for high-quality study programmes in social sciences, the humanities, natural sciences, medicine, technical fields, arts and sports. Interdisciplinary and multidisciplinary study programmes in cooperation with foreign universities.

UL ranks among 501 and 600 of the best universities in the world (Shanghai Ranking)	UL employs 6.891 teachers, researchers, assistant professors, and professional and administrative staff	UL brings together 26 faculties/academies	Enrolled at UL 37.402 students
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Research

- projects in the fields of arts, sciences, natural sciences, technology, social sciences and medicine

More than 4.600 registered researchers	UL offers 195 research programmes	More than 730 national research projects	More than 670 European and international research projects
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MF

UNIVERSITY OF LJUBLJANA
Faculty of Medicine

Education

- The first higher education and research institution in Slovenia for medicine, dental medicine, and nowadays also biomedical sciences.
- **Global Recognition:** Established as an internationally recognized institution, collaborating with top medical faculties worldwide.

Research Activities

- Conducts extensive research in medical sciences through various departments, institutes, and centers (for instance MEC)
- Engages in domestic, European, and international research projects.

Healthcare diagnostics

► Research groups (28)

► Researchers (515)

► Research projects (504) [Legend](#) ⓘ

► ARIS research and infrastructure programmes (106)

► International projects (100)

► Research equipment (111)

► Mentors for junior researchers (111)

University Medical Centre (UMC) Ljubljana profile

- **Overview:**

- Leading medical, educational, and research institution in Slovenia.
- Over 8,300 employees, among the largest in Slovenia.

- **Mission:**

- Focus on health care, education, and research.
- Commitment to safe, high-quality, and standardized patient care.

- **Achievements:**

- Comparable to renowned institutions across Europe and worldwide.
- Ensures high-quality patient care across all specialties.

Division of Nuclear Medicine:

- Multidisciplinary team including medicine, radiopharmacy, chemistry, and physics.
- Engages in extensive clinical, research, and translational work at national and international levels.

WP4 – Radioisotope production and radiopharmaceuticals

Start Date:	M1	WP Leader:	UL
End Date:	M48	WP Contributors:	UL, BOKOSMOS, DKFZ, GNP, CERN, AUTH

Tasks:	Tasks 4.2 lead by UL; Task 4.3 lead by UL
Deliverables:	Deliverables D4.1 (BOKOSMOS), D4.2 (UL), D4.3 (GNP)
Milestones:	48



Assist. Prof. Petra Kolenc

- Radiopharmacist at Division of Nuclear Medicine, UMC Ljubljana
- Involved in preparation, and quality control of radiopharmaceuticals
- Translation of new radiopharmaceuticals from preclinical to clinical settings
- Former member of EANM Radiopharmacy Committee
- Former member of ESMIT group (EANM)
- Member of the Extended Expert Council for the field of nuclear medicine in Slovenia
- Member of the Research Council at University Medical Centre Ljubljana
- Cooperation with International Atomic Energy Agency (IAEA, consultancy meetings, technical cooperation projects)



Dr. Marko Krošelj

- Radiopharmacist at Division of Nuclear Medicine, UMC Ljubljana
- Department of Pharmaceutical Technology, Faculty of Pharmacy UL
- Head of the Organizing Committee for European Postgraduate Education in Radiopharmacy
- Routine work, preparation, and control of radiopharmaceuticals, research work, teaching assistant

- **SECURE** Strengthening the European Chain of sUpply for next generation medical RadionuclidEs
<https://enen.eu/index.php/portfolio/secure-project/>
- **TECANT** Novel ^{99m}Tc -labeled somatostatin receptor antagonists in the diagnostic algorithm of neuroendocrine neoplasms – a feasibility study)
<https://www.eppermed.eu/funding-projects/projects-results/project-database/tecant/>
- **NOAR** – COST Action CA19114 Network for Optimized Astatine labeled Radiopharmaceuticals
<https://astatine-net.eu/>
- **EATRIS** EUROPEAN INFRASTRUCTURE FOR TRANSLATIONAL MEDICINE
<https://eatris.eu/>
- **GRAN-T-MTC** Phase I clinical trial using a novel CCK-2/gastrin receptor-localizing radiolabelled peptide probe for personalized diagnosis and therapy of patients with progressive or metastatic medullary thyroid carcinoma
<https://inrastes.demokritos.gr/grants-list/eranet-transcan-gran-t-mtc-e11820/>

University of Ljubljana, Faculty of Medicine (MF UL)

- Vrazov trg 2, 1000, Ljubljana, Slovenia

WP4, T4.2 & T4.3 Leader:

- **Dr. Gorazd Drevenšek**, gorazd.drevensek@mf.uni-lj.si; +386 41561283
 - Institute of Pharmacology & Toxicology MF UL

Project Contact Person:

- **Dr. Martina Perše**, martina.perse@mf.uni-lj.si; +386 40474675
 - Medical Experimental Centre, Institute of Pathology MF UL