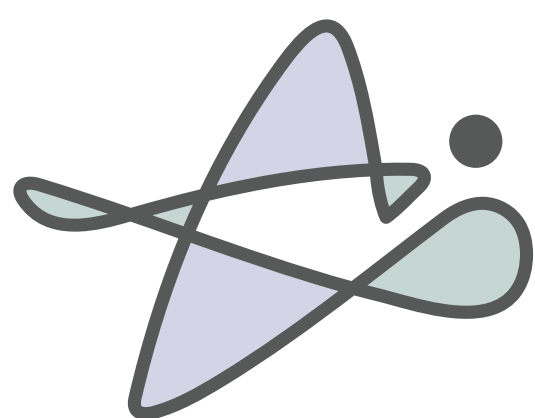




IFIGENEIA

Innovative Facility for Isotope **GEN**eration with **EFF**icient Ion **ACC**elerator

Mission

- **Advance LINAC technology** to enable safer, more reliable, and cost-effective radioisotope production.
- **Propagate scientific excellence and healthcare innovation** through cross-border collaboration across the Balkans and Europe in general.
- **Empower regional capacity** to meet growing demands for radiopharmaceuticals and improve patient care.

Project Duration

2025-2029

Geographical Focus

Together, we are establishing a sustainable platform for novel radioisotope production, aiming to further enable the production of state-of-the-art radiopharmaceuticals, and strengthen innovation and training across the Balkans and Europe in general.

Excellence Hubs

- Greece** LINAC design, beam dynamics, beam and target parameters and hardware specifications, safety and radiation protection requirements, small scale LINAC prototype, pilot in health and culture.
- Slovenia** Beam controls, lab condition development, isotopes identification, ligands investigation, pilot pre-clinical studies.
- Cyprus** Exploitation strategies, business plan, investment plan, private equity attraction.

Mentorship for Western Balkans

- Bosnia and Herzegovina** Support for the creation of a future excellence hub through mentoring activities and knowledge transfer.

International collaboration

- CERN, DKFZ, GSI** Ensuring scientific excellence and regional impact.

Over 20 partners



DEMOKRITOS



GERMAN
CANCER RESEARCH CENTER
IN THE HEIMHOFF ASSOCIATION



ARISTOTLE
UNIVERSITY
OF THESSALONIKI



REGION OF CENTRAL MACEDONIA



University
of Cyprus



Jozef Stefan
Institute
Ljubljana, Slovenia



PASYKAF
THE CANCER ASSOCIATION OF CYPRUS PATIENTS & FRIENDS



SIH-EEIG
SLOVENIAN
INNOVATION
HUB



TAOX



PAPAGEORGIOU
HOSPITAL



TECHNOPOLIS
THESSALONIKI ICT BUSINESS PARK



CERN



ARCHAEOLOGICAL
MUSEUM
OF THESSALONIKI



GSI



OKYNY
Οργανισμός Κοινωνικής Υποστήριξης Υγείας



SLOVENIAN ACADEMY
OF ENGINEERING



YFOS



univerzitetni
klinični center ljubljana
University Medical Centre Ljubljana



BIOKOSMOS
RADIOPHARMACEUTICALS



CERTH
CENTRE FOR
RESEARCH & TECHNOLOGY
HELLAS



COSYLAB



UNIVERSITY
OF LJUBLJANA
Faculty of
Medicine



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