

# PRISMAP Public Event

## “Challenges in nuclear medicine”

28 November 2023

Lisbon School of Medicine, Aula Magna  
Santa Maria Hospital Building

This public event will be organised at the Lisbon School of Medicine, in person only.

In the first session Portuguese and Spanish researchers will present their recent findings and invite to discuss challenges in nuclear medicine.

In the second session PRISMAP news, results from the project and its user projects and needs of the User Forum will be in the focus.

More information and registration (in-person only):

[www.prismap.eu/news/events-feed/challenges-in-nuclear-medicine/](http://www.prismap.eu/news/events-feed/challenges-in-nuclear-medicine/)



Morning session “Challenges in nuclear medicine”		
Chairs: António Paulo, Luís Costa		
9.00	Welcome	Luís Costa (Hospital de Santa Maria; Faculdade de Medicina de Lisboa, Instituto de Medicina Molecular)
9.15	New approaches in cancer treatment: facts and expectations with medical radionuclides	Luis Costa
9.45	Delivering on the promise of theranostics - a pillar of progress in IPO Porto	Gonçalo Ferreira (IPO Porto)
10.10	Short break	
10:25	ICNAS: 15 years of acceleration	Francisco Alves (ICNAS—Institute for Nuclear Sciences Applied to Health, University of Coimbra)
11.00	Phase 1 clinical trials with medical radionuclides	Bernard Doger (START Madrid- Jimenez Diaz Foundation University Hospital)
11:30	Round table discussion	Chairs: António Paulo, Luís Costa
12.30	Group photo	All
12.45	Lunch break	
13.30	Poster session (posters available all day)	
Afternoon session “Recent findings of PRISMAP and its user projects”		
Chair: Charlotte Duchemin		
14.00	PRISMAP – a short introduction	Thierry Stora (CERN)
14.15	Dedicated phantom measurements to develop and validate quantitative Ac-225-(micro)SPECT imaging	Michel Koole (KULeuven)
14.45	Development of a single-domain antibody for nuclear imaging and therapy of mesothelin expressing tumours	Alexis Broisat (INSERM)
15.15	Optimized cyclotron production of astatine: activity balance of At-211, At-210 and Po-210 after extraction chromatography.	Matthijs Sevenois (VUB)
15.45	Short break	
16.15	Optimization of the radiotheragnostic concept: Investigations of the next generation radionuclides	Cristina Müller (PSI)
16.45	User forum: Needs and active involvement	Thomas Elias Cocolios (KULeuven), Kristoff Muylle (VUB)
17.15	Conclusions	Charlotte Duchemin (CERN)
17.30 - End of the meeting		