

Workshop 2019

Thematic Strand

Radiopharmaceutical Sciences and Health Physics

Centro de Ciências e Tecnologias Nucleares C²TN

Instituto Superior Técnico

Universidade de Lisboa

21st November 2019

Anfiteatro Abreu Faro - Complexo Interdisciplinar

Campus da Alameda, IST

Com o apoio



Scientific Programme

09:30-9:45	Opening and Welcome	António Paulo, C ² TN-IST/UL
Session 1 – Radiation Protection and Dosimetry in Medical Applications		
Chair: Ana Belchior, C ² TN-IST/UL		
09:45-10:30	<i>Current and Future Trends on Use of Radiopharmaceuticals in Research/Clinical Practice</i>	Ana Sofia Capacho, Fundação Champalimaud
10:30-10:45	<i>Dosimetric Assessment in Different Tumor Phenotypes and Microdosimetric Studies using Auger-emitting radionuclides</i>	Jorge Borbinha, C ² TN-IST/UL
10:45-11:00	<i>Dual-Targeted ^{99m}Tc-radioconjugates for Prostate Cancer Theranostics</i>	Diogo Figueiredo, C ² TN-IST/UL
11:00-11:15	Coffee Break	
11:15-12:00	<i>Cell survival curves as an approach to optimize cancer radiation therapy</i>	Salomé Pires, iCBR-FMUC/UC
12:00-12:15	<i>Biological effectiveness of proton therapy</i>	Isabel Almeida, C ² TN-IST/UL
12:15-12:30	<i>Out-of-Field Doses in Radiotherapy Treatments of Paediatric Patients: A Monte Carlo Model</i>	Ana Cravo Sá, C ² TN-IST/UL
Lunch Break		
Session 2 – Radiopharmaceutical Sciences		
Chair: Filipa Mendes, C ² TN-IST/UL		
14:00-14:45	<i>Engineering of Smart Exosomes for Amyloid-β Clearing in Alzheimer's Disease</i>	Fábio Fernandes, IBB-IST/UL
14:45-15:00	<i>Radiolabeling and Biodistribution of Amyloid-β Clearing Exosomes</i>	Tiago Dias, IBB-IST/UL
15:00-15:15	<i>Development of 3D spheroids of cancer cells for the evaluation of novel theranostic agents</i>	Catarina Pinto, C ² TN-IST/UL
15:15-15:30	Coffee Break	
15:30-16:15	<i>Polyurea dendrimers: Carriers, killers and cell kickers</i>	Vasco Bonifácio, IBB-IST/UL
16:15-16:30	<i>Clickable Bombesin Peptides for Cancer Theranostics</i>	Alice D'Onofrio, C ² TN-IST/UL
16:30-16:45	<i>Multifunctional Gold Nanoparticles for Chemoradiotherapy of Glioblastoma</i>	Carolina Mendes, C ² TN-IST/UL
16:45-17:00	Discussion/Final Remarks	João Galamba Correia, C ² TN-IST/UL