



CURSO PRÉ-CONGRESSO: MEDICINA NUCLEAR

Da Quantificação ao doente em Medicina Nuclear
[From quantification to the patient in Nuclear Medicine]

PROGRAM AND SCHEDULE

07/11/2024	Session	Topics	Lecturer
14:00 – 14:45	MIRD methodology	<ul style="list-style-type: none">MIRD methodology - introductionAbsorbed fractions (AFs) and Specific Absorbed Fractions (SAFs)Cumulated activity and biokinetic modellingPhysical, biological and effective half-livesDosimetry of radiopharmaceuticals: examples from ICRP 128	Pedro Teles
14:45 – 15:45	Practical applications in SPECT and PET quantification	<ul style="list-style-type: none">Existing guidelines for quantitation and harmonizationQuantification in SPECT: pre-treatment dosimetry for ^{90}Y-SIRTQuantification in PET/CT: verification of dose delivered in ^{90}Y-SIRT	Roberta Matheoud
15:45 – 16:15	Café / Coffee-break		
16:15 – 16:45	Quantification and Theranostics	<ul style="list-style-type: none">The Fundação Champalimoud experience	Rui Parafita
16:45 – 17:30	Simplicity for ^{90}Y dosimetry - Practical application	<ul style="list-style-type: none">Pre-treatment (planning) calculation.Post-treatment verification, including dose-volume histograms.Multimodal image fusion and registrationDosimetric estimates with one-compartment, multi-compartment, and voxel-wise techniques	Mónica Murcillo
17:30 – 18:00	Course evaluation and closing		

Faculty:

Roberta Matheoud	Department of Medical Physics, University Hospital Maggiore della Carità, Novara, Italy
Pedro Teles	Departamento de Física e Astronomia, FCUP, Porto, Portugal
Rui Parafita	Fundação Champalimaud Mercurius Health, Lisboa. Portugal
Mónica Murcillo	Boston Scientific, Madrid. Spain

Further information:

Local / Venue: SDivine Fátima Hotel, Sala das Oliveiras

Inscrição / Registration: <https://apfismed.pt/fismed2024-congresso-nacional-de-fisica-medica/>

Contacto / Contact: eventos@apfismed.pt