

WORKSHOP ON NUCLEAR MOLECULAR IMAGING

sponsored by the IAEA



Campus Tecnológico e Nuclear

Instituto Superior Técnico, Universidade de Lisboa

5th - 6th December 2016



WORKSHOP ON NUCLEAR MOLECULAR IMAGING

AIM AND SCOPE

This workshop brings together a multidisciplinary team of researchers and clinicians with expertise in different imaging-related disciplines to assess the societal benefits and cost effectiveness of the **Nuclear Imaging Modalities**, SPECT and PET, which present unique advantages for **Molecular Imaging**. It aims at fostering a Molecular Imaging network in the Lisbon Region, reinforcing the translational potential of the research work undertaken by the different partners involved in the field.

Main Topics

- ✓ Advances in Radionuclide Production and Radiopharmaceutical Design
- ✓ Preclinical and Medical Imaging: Challenges and Opportunities
- ✓ Challenges for Clinical Research and Patient Care

Local Organizing Committee

António Paulo, PhD, IST; Durval Costa, MD, PhD, Fundação Champalimaud; João Galamba Correia, PhD, IST; Joaquim Ferreira, MD, PhD, Faculdade Medicina da Universidade de Lisboa; José Marques, PhD, IST; Lucília Salgado, Instituto Português de Oncologia, Teresa Martins Lúcio, MD, Hospital Beatriz Ângelo

Free Registration

Please confirm your participation *via* e-mail: ecorreia@ctn.tecnico.ulisboa.pt

Venue

CTN's Auditorium
Instituto Superior Técnico – Campus Tecnológico e Nuclear
Estrada Nacional 10, Km 139.7
2695-066 Bobadela, Portugal

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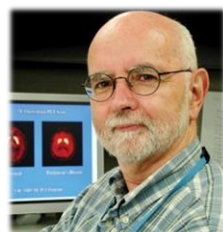
Plenary Lectures



Trends in Radiopharmaceutical Research

Prof. Adriano Duatti

University of Ferrara (Italy)



Cyclotron-Produced Radionuclides: Future and Current Status

Dr. Thomas J. Ruth

TRIUMF and the BC Cancer Agency (Canada)



Preclinical and Clinical Nuclear Imaging Techniques

Dr. Freek Beekman

MILABS/TU Delft (Netherlands)



Nuclear Medicine and Translational Research

Prof. John Prior

CHUV, Department of Nuclear Medicine (Switzerland)

WORKSHOP ON NUCLEAR MOLECULAR IMAGING

Full Program

Day 1 – December 5th

9:00-9:15	Registration
9:15-9:30	Opening and Welcome
Topic 1 – Advances in Radionuclide Production and Radiopharmaceutical Design	
9:30-10:20	Plenary Lecture 1: Current Trends in Radiopharmaceutical Research <i>Adriano Duatti, Univ. Ferrara (Italy)</i>
10:20-10:40	Nuclear Tools for Imaging and Therapy : An Update of C ² TN's Contribution <i>António Paulo, C²TN/IST (Portugal)</i>
10:40-11:00	Coffee Break
11:00-11:20	Stem Cells and Advanced Therapies <i>Margarida Serra, IBET/ITQB (Portugal)</i>
11:20-11:40	Radioprobes in Drug Development <i>Sofia Corte Real, Technophage (Portugal)</i>
11:40-12:30	Plenary Lecture 2: Cyclotron-Produced Radionuclides: Future and Current Status <i>Thomas J. Ruth, TRIUMF (Canada)</i>
12:30-14:00	Lunch
Topic 2 – Preclinical and Medical Imaging: Challenges and Opportunities	
14:00-14:30	Multimodal Imaging Modalities <i>Pedro Almeida, IBEB/FCUL (Portugal)</i>
14:30-15:00	Diffusion Weighted MR Imaging: clinical applications <i>Rita Nunes, DBE/IST (Portugal)</i>
15:00-15:50	Plenary Lecture 3: Preclinical and Clinical Nuclear Imaging Techniques <i>Freek Beekman, MILABS/TU Delft (Netherlands)</i>
15:50-17:00	Round Table - Discussion

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Day 2 –December 6th

Topic 3 - Challenges for Clinical Research and Patient Care	
09:30-10:00	Nuclear Medicine <i>Gracinda Costa, CHUC (Portugal)</i>
10:00-10:30	Oncology <i>Maria Rita Dionísio, HSM/CHLN (Portugal)</i>
10:30-11:00	Neurology <i>Joaquim Ferreira, IMM/FMUL (Portugal)</i>
11:00-11:30	Coffee Break
11:30-12:00	Cardiology <i>Maria João Vidigal Ferreira, CHUC (Portugal)</i>
12:00-12:50	Plenary Lecture 4: Nuclear Medicine and Translational Research <i>John Prior, CHUV (Switzerland)</i>
12:50-14:00	Lunch
14:00-16:00	Round Table – Discussion – Conclusions Concluding issues and recommendations from the workshop to be considered by decision makers, IAEA and other organizations with an interest in fostering the Medical Imaging field.

WIFI: CTN

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