



International Conference on  
**Nuclear Medicine and  
Radiation Therapy**

July 16-17, 2018 | Madrid, Spain

July 16, 2018

## Nuclear Medicine Conference Agenda

Day 1

09:30-10:00

Registration

10:00-10:20

Opening Ceremony

### Conference Hall: Alberti

10:20-10:30

Introduction

#### Keynote Forum

10:30-11:00

**Title: The power of precision oncology using PSMA radioligand therapy of metastatic prostate cancer: Theranostics experience in over 800 treatments since 2013**

**Richard P. Baum**, Theranostics Center for Molecular Radiotherapy and Molecular Imaging, Germany

11:00-11:30

**Title: Theranostic approach: The present and the future**

**Rafael Macedo**, Health Public Service, Madeira Island, Portugal

11:30-11:35

Group Photo

Networking & Refreshment Break, 11:35 - 11:50 @ Terrace

### Oral Session I: Nuclear Medicine: Current Research, Innovation and Application | Neurology: Brain and CNS research | Molecular Imaging, Functional Imaging and Integrated Therapy

Session Chair: **Rafael Macedo**, Health Public Service, Madeira, Portugal

Session Co-Chair: **Hashim Ahmed**, SudRad Consulting, UK

11:50-12:10

**Title: The role of deep learning in future of nuclear medicine and molecular imaging**

**Hashim Ahmed**, SudRad Consulting, UK

12:10-12:30

**Title: Imaging the dopaminergic system: Analyzing the pre and postsynaptic pathways and its clinical relevance in Parkinson's disease**

**Belen Bravo**, National Autonomous University of Mexico, Mexico

12:30-12:50

**Title: PET/CT in gynaecological cancer with special focus on cervical cancer**

**Paulina Cegla**, Greater Poland Cancer Centre, Poland

12:50-13:10

**Title: L-Carnitine: A hepatoprotective agent against radioiodine toxicity in rats**

**Aziz Mutlu Barlas**, Ankara Training and Research Hospital, Turkey

Lunch Break 13:10 - 14:10 @ Restaurant

#### Special Session

14:10-15:30

**Title: Future of nuclear medicine**

**Rafael Macedo**, Health Public Service, Madeira Island, Portugal

**Oral Session II: PET / CT, MRI, SPECT, CZT, FDG PET/CT, Gated SPECT : Diagnostic and Therapeutic Approaches | Radiation Protection and Safety**

Session Chair: **Rafael Macedo**, Health Public Service, Madeira, Portugal  
Session Co-Chair: **Hashim Ahmed**, SudRad Consulting, UK

**15:30-15:50**

**Title: Is VCUg really necessary for children older than two years with recurrent urinary tract infection?**

**F. Selcuk Simsek**, Firat university Medical Faculty, Turkey

**Networking & Refreshment Break 15:50-16:05@ Terrace**

**16:05-16:25**

**Title: Molecular imaging in prostate cancer: Theranostics approach**

**Fahad Marafi**, Kuwait Foundation for Advanement of Sciences, Kuwait

**16:25-16:45**

**Title: Utility of bone scan quantitative parameters for the evaluation of prostate cancer patients**

**Nayab Mustansar**, CENAR Quetta, Pakistan

**Session Adjournment**

**July 17, 2018**

**Day 2**

~~July 18, 2018~~

**Conference Hall: Alberti**

**10:00-10:30**

**Keynote Presentation**

**Title: <sup>177</sup>Lu-PSMA-617 radioligand therapy for lymph node metastatic prostate cancer**

**Finn Edler von Eyben**, Center for Tobacco Control Research, Denmark

**10:30-11:00**

**Title: Female-to-male differences in CAD, imaging microvascular dysfunction with <sup>13</sup>N-Ammonia PET/CT**

**Fred Verzijlbergen**, Radboud University Medical Centre, Netherlands

**Networking & Refreshment Break 11:00 - 11:15@ Terrace**

**Oral Session I: Radionuclide Therapy | Radiobiology and Radiochemistry | Radiation Dosimetry | Endocrine Theranostics**

Session Chair: **Finn Edler von Eyben**, Center for Tobacco Control Research, Denmark  
Session Co-Chair: **Fred Verzijlbergen**, Radboud University Medical Centre, Netherlands

**11:15-11:35**

**Title: Radiobiology of targeted radionuclide therapy to improve treatment effects**

**Julie Nonnekens**, Erasmus Medical Centre, Netherlands

**11:35-11:55**

**Title: The efficacy of leukotriene receptor antagonist on radioiodine-induced lung fibrosis**

**Aylin Akbulut**, Ankara Training and Research Hospital, Turkey

**11:55-12:15**

**Title: Protective effect of coenzyme Q10 against I131 toxicity in rat livers**

**Aylin Akbulut**, Ankara Training and Research Hospital, Turkey

12:15-12:35

**Title: Imaging in the dopaminergic pathway using three different positron emission tomography radiotracers in Parkinson's disease**

Paris Andres Sanabria Rodriguez, Autonomous University of Mexico, Mexico

12:35-12:55

**Title: Doses during lymphoscintigraphy in gynecological cancer - Sentinel lymph node localization procedure**

Patrycja Mantaj, Greater Poland Medical Centre, Poland

Lunch Break 12:55 - 14:00 @ Restaurant

14:00-14:20

**Title: Performance of neutron detector  $6\text{LiF}+\text{ZnS}(\text{Ag})$**

Abdelrahim El Yazzaoui, Ibn Tofail University, Morocco

14:20-14:40

**Title: Radiochemistry and radiopharmacy**

Elisabeth Eppard, Radiochemikerin bei Universitätsklinikum, Germany

### Workshop

14:40-16:00

**Title: A practical workshop about four software applications of nuclear medicine and radiopharmacy**

Jesus Luis Gomez Perales, Nuclear Medicine Service, Puerta del Mar University Hospital, Spain

Conference Adjournment

