

The 7th National Conference of NUCLEAR MEDICINE AND MOLECULAR IMAGING

📅 27-29 March 2025

📍 „Ștefan cel Mare” University, Suceava

SCIENTIFIC PROGRAM

Thursday, 27 March

08:30 – 09:00 Official Opening

09:00 – 11:40 **OPENING SESSION – NUCLEAR MEDICINE CHALLENGES (I)**
Chairs: Elena Barbus Olariu, Iulia Chiriac

09:00 – 09:25 A different kind of hybrid - clinical research in Nuclear Medicine
Ora Israel (*Israel*)

09:25 – 09:50 The Evolving Role of Theranostics in the Multidisciplinary Care of
Cancer Patients
Homer Macapinlac (*USA*)

09:50 – 10:05 Clinical Audit in Nuclear Medicine - a mere formality or an essential
requirement?
Elena Barbus Olariu (*Romania*)

10:05 – 10:15 Coffee Break

PET-CT Challenges

10:15 – 10:30 Pelvis imaging CT and MRI ad hybrid imaging related to bladder.
Trend and future perspective technology
Dragos Cuzino (*Romania*)

10:30 – 10:45 Hepatic and pulmonary first-pass vasoconstriction triggered against
potentially hazardous chemicals absorbed from the gut: its pathologic
activation facilitates early colorectal cancer metastasis
Mircea Dragoteanu (*Romania*)

10:45 – 11:00 PET-CT examination with 18F-FDG under sedation in pediatric
patients diagnosed with neuroblastoma a multidisciplinary challenge
Mihai Gutu (*Romania*)


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- 11:00 – 11:10** (OP) **When lungs speak: A diagnostic challenge in Hodgkin's lymphoma**
Laura Bejinariu (*Romania*)
- 11:10 – 11:20** **Decoding the gastric rhythm. Tailored medicine in evaluating complications and management of insulin-treated patients: the role of scintigraphy with ^{99m}Tc-DTPA**
Radu Constantin (*Romania*)
- 11:20 – 11:30** **PET/CT radiomics and correlations with tumor biomarkers in breast carcinoma. A pilot study**
Alexandru Mitoi (*Romania*)
- 11:30 – 11:40** **Case based approach in the diagnosis of prostatic adenocarcinoma with PSMA-ligand PET/CT**
Oreste-Mihai Straciuc (*Romania*)
- 11:40 – 13:20** **Symposiums**
- 13:20 – 14:00** **Lunch Break**
- 14:00 – 16:00** **NUCLEAR CARDIOLOGY**
Chairs: Raluca Mititelu, Claudiu Stan
- 14:00 – 14:10** **Nuclear Cardiology – brief overview**
Raluca Mititelu (*Romania*)
- 14:10 – 14:30** **Nuclear Medicine in cardiology in 2025**
Magdalena Gurzun (*Romania*)
- 14:30 – 14:50** **Cardiac amyloidosis – current guidelines and best practice**
Claudiu Stan (*Romania*)
- 14:50 – 15:15** **Nuclear Medicine in cardiac amyloidosis. Clinical cases**
Simona Ben Haim (*Israel*)
- 15:15 – 15:35** **Aortic stenosis and cardiac amyloidosis**
Silviu Stanciu (*Romania*)
- 15:35 – 16:00** **Q&A Session**

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16:00 – 16:10 Coffee Break

16:10 – 17:40 **THERAGNOSTIC CHALLENGES (I)**
Chairs: Savvas Frangos, Cati Stolniceanu

16:10 – 16:35 **Theranostics in Prostate Cancer: Heading toward new horizons**
Daniela Oprea-Lager (*The Netherland*)

16:35 – 17:00 **PSMA Therapy: Our first experience. Difficulties and challenges**
Savvas Frangos (*Cyprus*)

17:00 – 17:25 **Sequencing and Synergy in NET**
Masha Maharaj (*South Africa*)

17:25 – 17:40 **FGF23-Related Hypophosphatemia in a TIO patient diagnosed by
SSTR-based functional imaging**
Cati Stolniceanu (*Romania*)

17:40 – 18:30 **RSNMMI Assembly**

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Friday, 28 March

08:00 – 11:00 **RADIONUCLIDE THERAPY AND THERANOSTIC (I)**
Chairs: Mirela Gherghe, Mario Mutuleanu

08:00 – 08:25 **Challenges with PSMA Radiopharmaceutical Therapy**
Hossein Jadvar (*USA*)

08:25 – 08:50 **Role of FAPI PET/CT and Theranostics**
Rakesh Kumar (*India*)

08:50 – 09:10 **Selective Intra-Arterial Radioembolization: Enhancing
Hepatocellular Carcinoma Care in Romania**
Mirela Gherghe (*Romania*)

09:10 – 09:25 **Personalized dosimetry in Y90 radioembolization: Practical
consideration for treatment planning**
Mario Mutuleanu (*Romania*)

09:25 – 09:45 **Adverse effect of radiopharmaceuticals**
Raluca Mititelu (*Romania*)

09:45 – 10:00 **Coffee Break**

10:00 – 11:10 **CHALLENGES IN HYBRID IMAGING**
Chairs: Doina Piciu, Mihai Gutu

10:00 – 10:25 **The Role of Imaging in the Treatment of Prostate Cancer**
Anca Grosu (*Germany*)

10:25 – 10:45 **Hybrid imaging in rare endocrine tumors**
Doina Piciu (*Romania*)

10:45 – 11:10 **Tips and Tricks about interpretation of CT component of PET-CT**
Nina Tunariu (*UK*)

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11:10 – 12:10

Novartis Symposium

12:10 – 13:30

**RADIONUCLIDE THERAPY AND THERANOSTIC (II)
TARGETED ALPHA THERAPY: UPDATE AND FUTURE
PERSPECTIVES**

Chairs: Cipriana Stefanescu, Wael Jalloul

12:10 – 12:35

Prospects of Clinical Alpha Therapy

Kalevi Kairemo (*Finland*)

12:35 – 12:55

**The SECURE project – addressing the challenges in the supply of
novel radionuclides for medical applications**

Renata Mikolajczak (*Poland*)

12:55 – 13:10

**Targeted Alpha Therapy: Radioisotopes physical characteristics,
Dosimetry and Radiation Protection**

Vlad Ghizdovat (*Romania*)

13:10 – 13:20

Targeted Alpha Therapy: current clinical evidence

Cipriana Stefanescu (*Romania*)

13:20 – 13:30

Targeted Alpha Therapy: Review on the preclinical aspects

Wael Jalloul (*Romania*)

13:30 – 14:00

Symposium

14:00 – 14:30

Lunch Break

14:30 – 16:00

**PRACTICAL AND TECHNICAL ASPECTS IN NUCLEAR
MEDICINE**

Chairs: Claudiu Pestean

14:30 – 14:50

**PET Image Acquisition and Reconstruction – the magic that turns a
positron into pixels**


Claudiu Pestean (*Romania*)

14:50 – 15:00

The Modern Approach to Patient Care in Nuclear Medicine

Simona Cruceanu (*Romania*)

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- 15:00 – 15:15** **Assessment and optimization of quality control in quantitative SPECT/CT imaging**
Elena Monica Fratiloiu (*Romania*)
- 15:15 – 15:30** **Lymphoscintigraphy – between challenge and innovation**
Mihaela Chisalita (*Romania*)
- 15:30 – 15:45** **Special features of gastric emptying scintigraphy with ^{99m}Tc-DTPA - a practical approach**
Alina-Mihaela Timofti (*Romania*)
- 15:45 – 16:00** **The use of the gamma camera for the identification and location of ¹³⁷Cs and ⁹⁰Sr radionuclides in the body of contaminated workers from a nuclear power plant**
Alina Gherman (*Romania*)
- 16:30 – 18:30** **Sesiune Dezbateri Postere**
Sala „Vasile Andriu”, Spitalul Județean Clinic „Sf. Ioan cel Nou” Suceava