



**INTERNATIONAL SYMPOSIUM  
ON NUCLEAR MEDICINE  
THERANOSTICS  
Novi Sad March 27<sup>th</sup>, 2026**

***Organizers:***

***Faculty of Medicine, University of Novi Sad  
Academy of Medical Sciences of the Serbian Medical Society***



***Venue:***

***Amphitheater of Cinema Hall, Institutes in Sremska Kamenica***



## *Organizing Committee*

### ***Prof. Jasna Mihailović, MD, PhD***

Department of Nuclear Medicine and Molecular Imaging, Faculty of Medicine  
University of Novi Sad, Serbia;

Division of Nuclear Medicine, Oncology Institute of Vojvodina, Sremska Kamenica, Serbia

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Department of Nuclear Medicine and Molecular Imaging, Faculty of Medicine  
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Department of Nuclear Medicine and Molecular Imaging, Faculty of Medicine  
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Center for Laboratory Diagnostics and Nuclear Medicine, University Clinical Centre  
of Vojvodina, Novi Sad, Serbia

## *Scientific Committee*

***Prof. Stanley Goldsmith, MD*** – Professor Emeritus, New York-Presbyterian Hospital  
- NY Weill Cornell Medical Center, Nuclear Medicine, New York City, USA

***Prof. Anca M. Avram, MD*** - Professor of Radiology and Medicine, Metro Health  
Medical Center, Case Western Reserve University, Cleveland, Ohio, USA

***Prof. Irene Virgolini, MD, PhD*** – Medical University of Innsbruck, Innsbruck, Austria

***Prof. Sonya Sergieva, MD, PhD*** – Sofia Cancer Center Sofia, Department of Nuclear  
Medicine, Sofia, Bulgaria

***Jilly Croasdale, Pharm.*** – Head of UK Radiopharmacy Group, Sandwell and West  
Birmingham Hospitals NHS Trust, UK

***Prof. Vladimir Obradović, MD, PhD*** – Head of Board of directors, Clinical Centre  
of Serbia, Belgrade, Serbia

***Prof. Milovan Matović, MD, PhD*** – Polyclinic Joković, Kragujevac, Serbia

***Prof. Vera Artiko, MD, PhD*** – Center for Nuclear Medicine with Positron Emission  
Tomography, University Clinical Center of Serbia, Faculty of Medicine University  
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***Aleksandar Simić, MD*** – Center of Nuclear Medicine, Special Hospital for Thyroid  
Gland and Metabolism Diseases Zlatibor, Zlatibor, Serbia

***Research Prof. Sanja Vranješ-Đurić, PhD*** – Institute of Nuclear Science, Vinča, Serbia



*Dear Guests,*

*On behalf of the Organizing Committee, it is my great pleasure to welcome you to Novi Sad and to the International Symposium on Nuclear Medicine Theranostics.*

*The program highlights recent advances in nuclear medicine, integrating diagnostic imaging and therapeutic applications with a special focus on theranostics. This combined approach continues to transform clinical practice and expand possibilities for personalized patient care.*

*We are honored to host distinguished invited speakers — leading experts who will present state-of-the-art lectures as well as their latest research and clinical experiences.*

*In addition to these presentations, the Symposium offers an excellent opportunity for participants to share work, exchange ideas, and learn from one another. Through this meeting, we aim to review the current state of nuclear medicine, including general nuclear medicine, metabolic imaging, and therapy, and to discuss future challenges and directions in this rapidly developing field.*

*Scientific meetings are not only about learning new facts and technologies but also about bringing people together. They allow us to meet colleagues from different countries, build new friendships and professional contacts, strengthen collaborations, and gain fresh perspectives that inspire future research and clinical practice.*

*We wish you a warm welcome to Novi Sad, a pleasant stay, and a memorable and enriching scientific experience.*

*Sincerely Yours,  
Prof. Jasna Mihailović President,  
Organizing Committee*

A handwritten signature in cursive script, reading "Jasna Mihailovic".

## PROGRAM OF THE SYMPOSIUM

**8.30-9.00** REGISTRATION

**8.50-9.00** SYMPOSIUM OPENING

### Session 1: Nuclear Medicine I Chairpersons: Valerij Krylov, Raluca Mititelu

**9.00-9.15**

*Pavel Krzhivitskiy, Russian Federation*

**SPECT/CT for Assessment of Axillary Lymph Node Status in Breast Cancer after Neoadjuvant Therapy: Sentinel LN Biopsy & MARI Technique**

**9.15-9.35**

*Nevena Manevska, North Macedonia*

**Bone Scintigraphy in Osteosarcoma**

**9.35-9.55**

*Dragana Šobić Šaranović, Serbia*

**How to Confirm the Diagnosis of Cardiac Amyloidosis Using the Nuclear Medicine Method? Reliability, Dilemmas, and Pitfalls**

**9.55-10.15**

*Amela Begić, Bosnia and Herzegovina*

**The Role of Ventilation/Perfusion Tomography-V/P SPECT in Detection of Cardiopulmonary Diseases**

**10.15-10.35**

*Marko Kojić, Serbia*

**Sensitivity, Specificity and Overall Accuracy of <sup>99m</sup>Tc-MIBI Scintigraphy in Detection of Thyroid Malignancy**

**10.35-10.55**

*Ana Jakovljević, Serbia*

**The Role of Nuclear Medicine Imaging in Assessment of Prostate Cancer Dissemination**

**10.55-11.10** DISCUSSION

**11.10-11.30**

*Maja Popović/Emil Matovina, Serbia*

**Castration-Resistant Prostate Cancer - Integrating Nuclear Medicine and Oncology Perspective in Clinical Practice - Sponsored by Novartis**

**11.30-11.45** COFFEE BREAK

### Session 2: Nuclear Medicine II Chairpersons: Vera Artiko, Branislava Ilinčić

**11.45-12.05**

*Sabina Dizdarevic, UK*

**Role of PET/CT in the Multidisciplinary Management of Lung Cancer**

**12.05-12.25**

*Gopinath Gnanasegaran, UK*

**PET/CT Imaging in NETs**

**12.25-12.45**

*Javier Arbizu, Spain*

**PET Molecular Imaging in Alzheimer's Disease**

**12.45-13.05**

*Raluca Mititelu, Romania*

**[<sup>18</sup>F]-FDG PET/CT in Carcinoma of Unknown Primary**

**13.05-13.25**

*Alexander Filimonov, Russian Federation*

**F-18 mFBG PET Imaging in Patients with Neuroblastoma**

**13.25-13.35** DISCUSSION

**13.35-13.45**

*Teodor Sofiyanski, Bulgaria*

**Transforming Prostate Cancer Care: The Role of <sup>68</sup>Ga-PSMA PET/CT in Clinical Practice** - Sponsored by MNT Bulgaria Ltd

**13.45-13.55**

*Josip Roca*

**United Imaging - Technology Leader on the PET/CT Market** - Sponsored by Shimadzu

**13.55-14.20** LUNCH

**Session 3: Nuclear Medicine III**  
**Chairpersons: Sabina Dizdarević, Dragana Šobić Šaranović**

**14.20-14.40**

*Masha Maharaj, South Africa*

**Tandem RLT: Redefining radioligand Therapy Boundaries**

**14.40-15.00**

*Viacheslav Sukhov, Russian Federation*

**Aspects of the Problem of Clinical Trials of Modern Targeted Radiopharmaceuticals - Russian Experience**

**15.00-15.20**

*Valerij Krylov, Russian Federation*

**<sup>225</sup>Ac-PSMA and <sup>177</sup>Lu-PSMA: Comparison of Capabilities and Disadvantages**

**15.20-15.40**

*Solomyany Viktor Vyacheslavovich, Russian Federation*

**Current Status and Future Perspectives of Peptide Receptor Radionuclide Therapy in NET**

**15.40-16.00**

*Akram Al-Ibraheem, Jordan*

**Navigating Pitfalls of FAPI PET/CT Interpretation and Insight into FAPI Theranostics**

**16.00-16.20**

*Marina Popović Krneta*

**From Tradition to Personalization: Postoperative Assessment of PTC**

**16.20-16.40**

*Jasna Mihailović, Serbia*

**Radioiodine Therapy in Differentiated Thyroid Cancer: Where We Were, Where We Are, and Where We're Going**

**16.40-17.00**

*Nataša Prvulović Bunović, Serbia*

**Lymphoma: The Role of Imaging in Diagnosis, Treatment and Monitoring**

**17.00-17.20**

*Qaisar Siraj, Pakistan*

**The Role of Esophageal Scintigraphy in the Assessment and Follow-Up of Oesophageal Dysfunction in Patients with Scleroderma**

**17.20-17.30** DISCUSSION

**Session 4: Poster Presentations**

**Chairpersons: Ana Jakovljević, Veljko Crnobrnja**

**17.30-18.30**

1. *Jelena Samac, Marija Vukmirović Papuga, Branislava Ilinčić, Radmila Žeravica, Ana Jakovljević, Veljko Crnobrnja, Dragan Burić*

**IMAGING OPTIMISATION PROTOCOL FOLLOWING EQUIPMENT ALTERATION**

2. *Aleksandra Vuksanović, Dragana Šobic Šaranović, Ljiljana Mijatović Teodorović, Zoran Bukumirić, Biljana Bazić-Đorović, Marina Stanoevski, Marina Popović Krneta*

**THE IMPORTANCE OF STIMULATED THYROGLOBULIN MEASUREMENT IN PREDICTING EARLY RESPONSE TO RADIOACTIVE IODINE THERAPY IN PATIENTS WITH PAPILLARY THYROID CARCINOMA**

3. *Maja Stankov Adić, Jasna Mihailović, Nataša Prvulović Bunović, Ivana Starčević, Slađana Novković Ostojić*

**<sup>18</sup>F-FDG PET/CT FOR DETECTION OF METASTATIC AND RECURRENT BREAST CANCER**

4. *Marija Vukmirović Papuga, Jelena Samac, Dragan Burić, Branislava Ilinčić, Radmila Žeravica, Ana Jakovljević, Veljko Crnobrnja*

**ROLE OF <sup>99m</sup>Tc-PERTECHNETATE ABDOMINAL SCINTIGRAPHY IN THE DIAGNOSIS OF MECKEL'S DIVERTICULUM IN CHILDREN: A TWO-YEAR SINGLE CENTER STUDY**

5. *Milica Kotur, Jelena Pantović, Strahinja Odalović, Lenka Grujičić, Nikola Pantić, Isidora Grozdić Milojević, Dženita Rožajac, Dragana Šobić Šaranović, Vera Artiko*

**THE ROLE OF <sup>18</sup>F-FDG PET/CT IN THE DIAGNOSIS OF PERITONITIS IN A PATIENT WITH FEVER OF UNKNOWN ORIGIN: A CASE REPORT**

6. *Ivana Starčević, Stefan Savić, Nataša Prvulović Bunović, Jasna Mihailović*

**FILGASTRIM-INDUCED DIFFUSE BONE MARROW FDG UPTAKE MIMICKING LYMPHOMA PROGRESSION: A CASE REPORT**

7. *Aleksandra Vuksanović, Marina Popović Krneta, Biljana Bazić Djorović, Marina Stanoevski, Ljiljana Mijatović Teodorović*

**LATE-ONSET HEPATIC METASTASES FROM FOLLICULAR THYROID CARCINOMA: DIAGNOSTIC CHALLENGES AND THE IMPORTANCE OF LONG-TERM SURVEILLANCE**

8. *Nataša Prvulović Bunović, Ivana Starčević, Maja Stankov Adić*

**BILATERAL BREAST METASTASES AS A LATE MANIFESTATION OF CUTANEOUS MELANOMA: CASE REPORT**

**18.30** SYMPOSIUM CLOSING



ANTARES

