



This Meeting is under the auspices of the EANM and WARMTH

# The 5<sup>th</sup> International Meeting on Molecular Imaging and Molecular Therapy

The 5<sup>th</sup> Serbian Meeting on Hybrid Imaging and Molecular Therapy with International Participation

*Updates in Nuclear Medicine – Diagnosis, Treatment & Beyond*

March 8-9, 2019 Novi Sad



Venue

Amphitheatre of the Faculty of Medicine, Department of Pharmacy



**Organizers:**  
**Faculty of Medicine &**  
**Serbian Society of Nuclear medicine**





Dear colleagues and guests,

It is my great pleasure to welcome you to the city of Novi Sad to attend the 5<sup>th</sup> International Meeting on Molecular Imaging and Molecular Therapy and the 5<sup>th</sup> Serbian Symposium on Hybrid Imaging and Molecular Therapy with International Participation, entitled Updates in Nuclear Medicine – Diagnosis, Treatment & Beyond. As in previous years, the Symposium is organized by the Medical Faculty of Novi Sad and the Serbian Society of Nuclear Medicine under the auspices of the EANM and WARMTH.

During previous meetings, we gathered together nuclear medicine physicians, chemists, physicists, technologists and those interested in nuclear medicine science from many countries all over the world. We had over 300 participants from 20 different countries.

Considering the fact that this is our 5<sup>th</sup> congress and that our team is now quite experienced in organizing events like this, you can expect an even better and enriched scientific and cultural program than before.

Nuclear medicine has changed in the recent years. It enables us to scan and treat patients with new techniques and radiopharmaceuticals, improving compliance and effectiveness of treatment and patient clinical outcome.

The scientific program has been designed to cover a wide range of nuclear imaging modalities and therapies. The conference is designed to be of interest for experts in the fields of nuclear medicine, oncology, neurology, urology, cardiology and endocrinology. Additionally, this meeting is intriguing and challenging for young nuclear medicine specialists as well as residents. Different specialties are invited to evaluate and learn about the role of nuclear medicine theragnostics-imaging to diagnose and treat the disease and management beyond initial diagnosis.

As the host city, Novi Sad isn't nicknamed the "Athens of Serbia" without a reason: its history as a vibrant, creative city continues nowadays is based on its established art galleries, enriched musical scene and a vibe that's more generally liberal than that of other Serbian cities. Recently Novi Sad received two prestigious recognitions, a 2019' European Youth Capital and 2021' European Capital of Culture.

This meeting is a great opportunity for you to communicate with colleagues from different countries all over the world. I am sure it will result in creative exchanges of ideas and future collaboration.

We are looking forward to welcoming you in our beautiful city of Novi Sad.

Yours Sincerely

*Prof. Jasna Mihailović, MD, PhD*

*President of Serbian Society of Nuclear Medicine*

*Chairman, Organizing Committee*

*Mihailović Jasna*

### ***Organizing Committee***

Prof Jasna Mihailovic, PhD, MD, President of Serbian Nuclear Medicine Society  
Prof Snezana Brkic, PhD, MD, Dean of the Medical Faculty of Novi Sad  
Emil Matovina, MD; Vanja Cimbaljevic, MD; Jelena Roganovic, MD  
Nina Klicov, Chief Technician; Marko Vasiljevic, Technician; Kristina Hadzic, Technician

### ***Scientific Committee***

Dr Aida Afgan, MD, Serbia  
Prof Boris Ajdinovic, MD, PhD, Serbia  
Prof Vera Artiko, MD, PhD, Serbia  
Prof Amela Begic, MD, PhD, Bosnia and Herzegovina  
Dr Paolo Castellucci, MD, Italy  
Assoc Prof Sabina Dizdarevic, MD, PhD, UK  
Prof Kemal Dizdarevic, MD, PhD, Bosnia and Herzegovina  
Prof Samer Ezziddin, MD, PhD, Germany  
Prof Stefano Fanti, MD, PhD, Italy  
Snezana Golubovic, MD, MSc Pharm, Serbia  
Prof Slobodan Ilic, MD, PhD, Serbia  
Prof Diwakar Jain, MD, PhD, USA  
Dr Pavel Krzhivitskiy, MD, MSc, Russian Federation  
Assoc Prof Ronan Killeen, MD, PhD, Ireland  
Prof Milovan Matovic, MD, PhD, Serbia  
Prof Ljiljana Mijatovic, MD, PhD, Serbia  
Prof Danijela Miladinova, MD, PhD, Republic of North Macedonia  
Prof Jasna Mihailovic, MD, PhD, Serbia  
Prof Vladimir Obradovic, MD, PhD, Serbia  
Assoc Prof Dragan Pucar, MD, PhD, Serbia  
Prof Milena Rajic, MD, PhD, Serbia  
Prof Zvezdana Rajkovaca, MD, PhD, RS, Bosnia and Herzegovina  
Dr Raluca Mititelu, MD, PhD, Romania  
Prof Daria Ryzhkhkova, MD, PhD, Russian Federation  
Dr Aleksandar Simic, MD, Serbia  
Dr Qaisar Siraj, MD, PhD, Kuwait  
Prof Dragana Sobic-Saranovic, MD, PhD, Serbia  
Prof Viacheslav Sukhov, MD, PhD, Russian Federation  
Research Prof Sanja Vranjes-Djuric, PhD, Serbia  
Prof Jean-Noel Talbot, MD, PhD, France  
Prof Marina Vlajkovic, MD, PhD, Serbia  
Prof Katja Zaletel, MD, PhD, Slovenia  
Assoc Prof Radmila Zeravica, MD, PhD, Serbia

### ***Honorary Committee***

Prof Zoran Milosevic, PhD, Provincial Secretary for Higher Education and Scientific Research  
Milos Vucevic, Mayor of the City of Novi Sad

### ***General information***

Early registration fee is EUR120 and is available until January 20, 2019; one-day registration fee is EUR30 (includes access to the sessions, coffee breaks with refreshments, and lunch on Saturday); late registration after January 20 is EUR 180, on-site registration is EUR 300. The registration fee includes congress material, coffee breaks, lunch, and dinners on Friday and Saturday. Registration is available on the next webpage <http://www.panacomp-kongresi.net/events/>

Hotel accommodation may to be done individually or via Panacomp agency, also on the webpage of the Symposium. There you can find all information about the Symposium.

Abstracts (250 words) in English should be submitted until February 5, 2019 to [jasnam61@gmail.com](mailto:jasnam61@gmail.com). Accepted abstracts will be published in the Book of Abstracts. During the gala dinner, the prize amounting EUR 100 will be awarded for the best oral presentation given by the residents-in training. The official language of the Meeting is English. The Symposium is under the auspices of the EANM and will be accredited from the national CME authority.

**Friday, March 8<sup>th</sup> 2019**

**13.30-14.00 Registration**

**14.00-16.00 Session: Theragnostics in Endocrine Diseases I**  
**Moderators: Ruzhkova, Jaukovic**

*14.00-14.20*

*Stefano Fanti, Italy*

Different Tracers in Staging and Restaging Prostate Cancer

*14.20-14.40*

*Ana Ugrinska, Republic of North Macedonia*

Nuclear Medicine Imaging of Prostate Cancer

*14.40-15.00*

*Jean Noel Talbot, France*

Parathyroid Imaging with 18F-Fluorocholine

*15.00-15.20*

*Paolo Castellucci, Italy*

The Use of DOTA Peptides and DOPA in NET

*15.20-15.40*

*Raluca Mititelu, Romania*

Radionuclide Bone Pain Palliation in Prostate Cancer

*15.40-16.00 Discussion*

*16.00-16.20 Coffee break*

**16.20-18.00 Session: Theragnostics in Endocrine Diseases II – Part 1: Imaging**  
**Moderators: Ajdinovic, Fanti**

*16.20-16.40*

*Daria Ryzhkhkova, Russian Federation*

18 F-DOPA PET-CT Diagnostic of Medular Carcinoma

*16.40-17.00*

*Natasa Prvulovic-Bunovic, Serbia*

Multimodal Imaging in Breast Cancer – Current and Future Aspects

*17.00-17.20*

*Daniela Miladinova, Republic of Macedonia*

Whole Body SPECT vs. Planar Bone Imaging in Patients with Prostate and Breast Cancer

*17.20-17.40*

*Pavel Krzhivitskiy, Russian Federation*

SPECT-CT Visualization of Sentinel Lymph Nodes in Women with Cervical Cancer: Is it Important for Radiotherapy Planning

*17.40-18.00 Discussion*

**19.00 Social Program**

**Saturday, March 9<sup>th</sup> 2019**

**8.30-10.10 Session: Theragnostics of Thyroid Diseases**

**Moderators: Majstorov, Mititelu**

8.30-8.50

*Jasna Mihailovic, Serbia*

The New Theragnostic Paradigm on Thyroid Cancer

8.50-9.10

*Andrey Shurinov, Russian Federation*

Radioiodine therapy for metastatic differentiated thyroid cancer.

9.10-9.30

*Milovan Matovic, Serbia*

Development and Realization of Automatic System for <sup>131</sup>I Capsule Filling for Diagnosis and Therapy Purpose: Our Solution.

9.30-9.50

*Katja Zaletel, Slovenia*

The Role of Radioiodine in Graves' Disease Management

9.50-10.10 Discussion

10.10-10.30

*Ivalina Hristova, GE Healthcare*

Discover the smart gamma camera generation and SWIFT scan revolution

10.30-10.45 Coffee break

**10.45-12.05 Session: Theragnostics in Endocrine Diseases II – Part 2: Imaging and Therapy**

**Moderators: Begic, Zaletel**

10.45-11.05

*Marina Vljakovic, Serbia*

Theranostics in High-Risk- Children Neuroblastoma -Achievements and Concerns

11.05-11.25

*Viacheslav Sukhov, Russian Federation*

Comparison of F18 and Ga68 PSMA as Theranostics Pair-Agents to Lu177

11.25-11.45

*Samer Ezziddin, Germany*

PSMA PRLT-Augmented Treatment by Individualized Protocol, Tandem Alpha-Beta PRLT and Co-Medications

11.45-12.05 Discussion

**12.05-13.45 Session: Theragnostics in CNS Diseases**

**Moderators: Ilic, Ugrinska**

12.05-12.25

*Ronan Killeen, Ireland*

Clinical Applications of FDG PET CT Brain in Oncology and Beyond

12.25-12.45

*Sabina Dizdarevic, UK*

Dementia Functional Imaging: How to Complete the Diagnostic Puzzle?

12.45-13.05

*Kemal Dizdarevic, Bosnia and Herzegovina*  
Radionuclide Theragnostics for Neurosurgery

13.05-13.25

*Leposava Brajkovic, Serbia*  
FDG-PET in Presurgical Evaluation of Focal Epilepsy

13.25-13.45 Discussion

13.45-14.50 Lunch

**14.50-16.30 Session: Nuclear Medicine in Cardiopulmonal Diseases**  
**Moderators: Ezzidin, Miladinova**

14.50 – 15.10

*Amela Begic, Bosnia and Herzegovina*  
Ventilation/Perfusion Tomography - V/P SPECT in Detection of Cardiopulmonary Diseases- Clinical Application

15.10-15.30

*Diwakar Jain, USA*  
Cardiotoxicity of Cancer Chemotherapy: Early Detection, Treatment and Prevention

15.30-15.50

*Qaisar Siraj, Kuwait*  
Multimodality Cardiac Imaging in the Diagnosis of CAD

15.50-16.10

*Venjamin Majstorov, Republic of North Macedonia*  
Myocardial Perfusion Findings in Patients with Systemic Lupus Erythematosus

16.10 – 16.30 Discussion

**16.30-18.00 Poster Presentations - Session I**  
**Moderators: Ilincic, Zeravica**

**18.00-19.00 Technologists' Poster Presentations – Session II**  
**Moderators: Klicov, Đorđević**

**19.00-19.15 Final Test and Meeting Evaluation**

**19.15 Closing the Meeting**

**20.00 Dinner at Hotel PARK**

