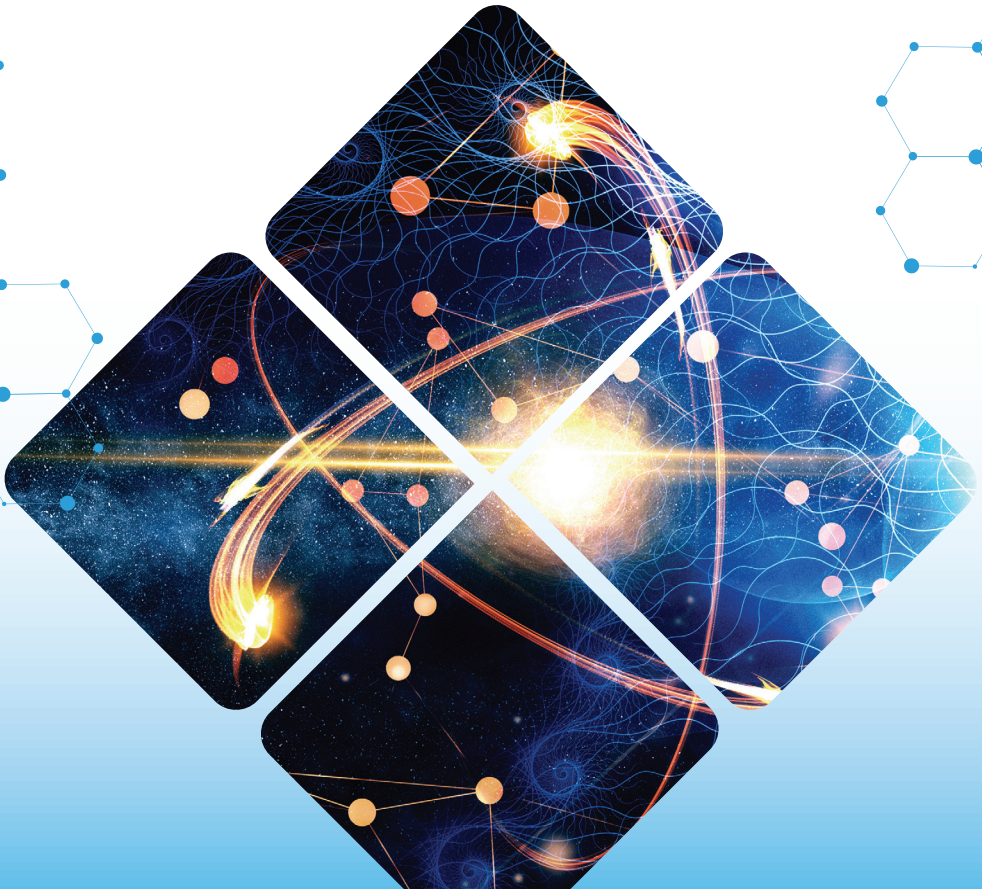




# CONGRESS SCIENTIFIC PROGRAM

21-23 March 2024 / Brașov





## SCIENTIFIC PROGRAM

### 2<sup>nd</sup> International Conference of Applying Radionuclides in Therapy (ART) & 6<sup>th</sup> Romanian Congress of Nuclear Medicine

#### Day 1 - 21 March 2024

19.00 – 20.30 Official Opening of The 6<sup>th</sup> Romanian Congress of Nuclear Medicine & 2<sup>nd</sup> edition of International Conference of Applying Radionuclides in Therapy (ART)

#### *Opening Lectures*

**Total Body PET-CT – New Opportunities for Disease Prevention**

*Marcus Hacker (Austria)*

**The lucky generation**

*Daniela Oprea Lager (The Netherlands)*

#### *Opening remarks*

*Chair: Raluca Mititelu*

*President of Romanian Society of Nuclear Medicine and Molecular Imaging*



## Day 2 - 22 March 2024

### Nuclear Medicine and Oncology - the "ART" of personalized medicine

- 08.00 – 10.30** **THERAGNOSTIC IN NUCLEAR MEDICINE– Thyroid cancer, neuroendocrine tumors, prostate cancer**  
Chairs: Rakesh Kumar (India), Cati Raluca Stolniceanu (Romania)
- 08.00 – 08.10** **Perspectives on Targeted Therapies in the Management of Neuroendocrine Tumors: Possibilities, Limitations, Challenges**  
*Cati Raluca Stolniceanu, Grierosu Irena, Statescu Ana Maria, Jalloul Wael, Ionescu Teodor, Vlad Ghizdovat, Volovat Constantin, Oana Olariu, Angela Oarza, Stefanescu Cipriana*
- 08.10 – 08.20** **Diagnostic Accuracy of 68Ga-PSMA-11 PET-CT and Conventional Imaging for initial staging of Intermediate and High-risk Prostate cancer patients**  
*Kumar Rakesh, Jagrati Chaudhary, Sanjay Kumar, Anil Kumar Pandey*
- 08.20 – 08.40** **Combination Therapy in Patients with Neuroendocrine Tumours**  
*Irene Virgolini (Austria)*
- 08.40 – 09.00** **The ART of Thyroid Cancer Therapy**  
*Savvas Frangos (Cyprus)*
- 09.00 – 09.25** **PSMA Theranostics – the next level towards precision medicine in prostate cancer**  
*Daniela Oprea-Lager (The Netherlands)*
- 09.25 – 09.30** **Discussions**
- Novartis medical education (non-promotional) symposia*
- 09.30 – 10.30** **Theranostic Perspective for PSMA-Positive Prostate Cancer: patient journey from imaging to targeted treatments & mCRPC evolving landscape**  
*Raluca Mititelu (Romania), Razvan Curca (Romania)*
- Developing RLT management in NM centers & Global best practice exchange**  
*Moez Trabelsi, Andrew Vardon (RLT/RLI NVS Technical Specialists)*
- Discussions & Opened Questions**
- 09.00 – 10.30** **BANQUETING HALL – PARALLEL SESSION**
- 131I-SPECT-CT and 18FDG-PET-CT - a complementary imaging approach in ectopic differentiated thyroid carcinoma**  
*Claudiu Pestean (Romania)*
- Factors affecting accuracy in SUV measurements**  
*Cecan Maria-Iulia (Romania)*
- 10.30 – 10.40** *Coffee break*

**10.40 – 13.00 PET-CT AND NUCLEAR ONCOLOGY (I) immunotherapy, breast cancer, colorectal carcinoma**

Chairs: Ana Ugrinska (North Macedonia), Doina Piciu (Romania)

**10.40 – 10.55 PET-CT in colorectal cancer**

*Ana Ugrinska (North Macedonia)*

**10.55 – 11.15 Challenges of imaging response assessment to immunotherapy**

*Mirela Gherghe (Romania)*

**11.15 – 11.30 SPECT-CT imaging in patients with Merkel Cell Carcinoma after immunotherapy**

*Sonya Sergieva (Bulgaria)*

**11.30 – 11.50 FDG PET-CT in breast cancer**

*Doina Piciu (Romania)*

**11.50 – 12.10 Molecular Imaging in breast cancer**

*Partha Choudhury (India)*

**12.10 – 12.30 Pitfalls in molecular imaging of breast cancer - Case Report**

*Razvan Curca (Romania)*

*Symposium Siemens Healthineers*

**12.30 – 13.00 MR in oncology**

*Florin Preoteasa*

**13.00 – 14.00 *Lunch break***

**14.00 – 16.20 PET-CT AND NUCLEAR ONCOLOGY (II) – FDG screening, malignant melanoma, CUP, FAPI, 90-Y treatment**

Chairs: Sonya Sergieva (Bulgaria), Catalin Mazilu (Romania), Mirela Gherghe (Romania)

**14.00 – 14.15 Distinguishing between lymphoma and other pathologies on 18F FDG PET-CT – a practical approach**

*Diana Ene (Belgium)*

**14.15 – 14.30 FDG PET-CT in Malignant Melanoma**

*Catalin Mazilu (Romania)*

**14.30 – 14.55 18F-FDG PET-CT for Screening**

*Ora Israel (Israel)*

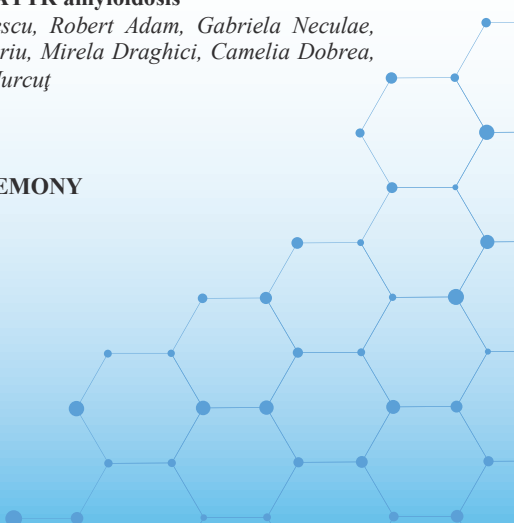
**14.55 – 15.10 Molecular Imaging in Carcinoma of Unknown Primary**

*Raluca Mititelu (Romania)*

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- 15.10 – 15.30 FAPI Theragnostic**  
*Rakesh Kumar (India)*
- 15.30 – 15.50 SIRT in liver tumors with 90Y-microparticles**  
*Cengiz Tasci (Turkey)*
- Symposium United*
- 15.50 – 16.20 The Revolution in Nuclear Medicine with United Imaging PET-CT Technology**  
*Ilaria Crippa & Manoj Singh*
- 16.20 – 16.30 Coffee break**
- 16.30 – 18.15 NEWS AND PERSPECTIVES – biomarkers in NM, new radiopharmaceuticals, brain imaging, SIRT**  
Chairs: Cipriana Stefanescu (Romania), Dana Niculae (Romania)
- 16.30 – 16.50 Imaging Biomarkers in Nuclear Medicine: their Benefit for Precision Medicine**  
*Cipriana Stefanescu (Romania)*
- 16.50 – 17.10 Medical Isotopes produced in the TR-19 Cyclotron**  
*Dana Niculae (Romania)*
- 17.10 – 17.35 Multitracer imaging of atypical parkinsonism**  
*Sabina Dizdarevic (UK)*
- 17.35 – 17.45 MEDIC NEST Brain Health Initiative: Unlocking the Power of Precision Nuclear Medicine in neurosciences**  
*Alina Capitanu, Medic Nest Meta-Cluster Chair*
- Symposium AC Rad Medical*
- 17.45 – 18.15 IRIS, a fully automated radiopharmaceutical injector**  
*Frans Wijmans (Product Manager and Radiation Safety Expert Comecer)*
- 18.15 – 19.00 SRMNIM Meeting**

## **Day 3 - 23 March 2024**

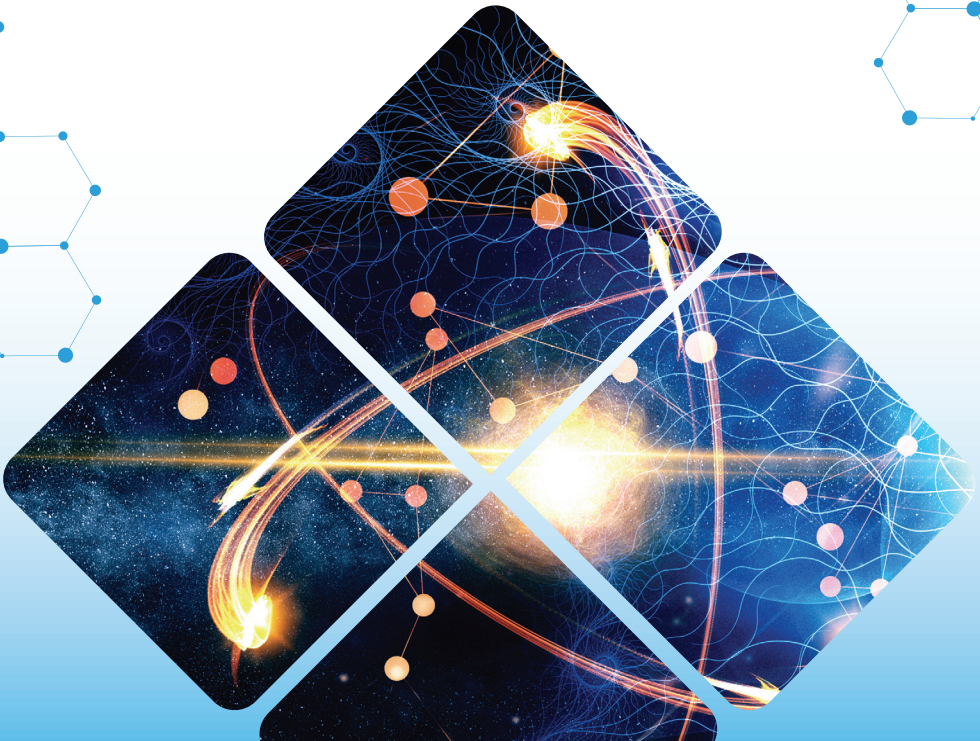
- 08.00 – 09.40 Oral free papers**  
Chairs: Mirela Gherghe (Romania), Cipriana Stefanescu (Romania)
- 08.00 – 08.10 **Challenges in SPECT-CT imaging of the parathyroid glands****  
*Taciuc Alexandru, Ţupea Claudiu, Ioana Ion-Alexandru, Gherghe Mirela*
- 08.10 – 08.20 **Quantitative vs. Qualitative SPECT-CT in Bone Lesion Evaluation****  
*Mutuleanu Mario, Mirela Gherghe*
- 08.20 – 08.30 **There's More On Bone Scintigraphy That Metastatic Lesions: Non-Metastatic Findings On Bone Scan In Our Department****  
*Grecu-Bodnariuc Polixenia-Laura, Ruxandra Ţibu, M.GuŢu*
- 08.30 – 08.40 **<sup>177</sup>Lu-DOTATATE - The Rise and Downfall of a Multimetastatic Teratoma****  
*Tibu Ruxandra, Laurentiu Agrigoroaie, Carmen Mihaela Antohi, Laura Polixenia Grecu-Bodnariuc, Camilo Garcia*
- 08.40 – 08.50 **FDG-PET-CT in extraskelletal Ewing Sarcoma: Imaging Insights and Clinical Implications****  
*Antohie Mihaela Carmen, Agrigoroaie Laurentiu, Ruxandra Tibu, Desiree Deandreis*
- 08.50 – 09.00 **Sentinel Lymph Node Biopsy in Breast Cancer Patients with Axillary Conversion after Neoadjuvant Chemotherapy—A Tertiary Centre Experience****  
*Ţuta Tatiana Lucia, Alexandra Maria Lazar, Mario-Demian Mutuleanu, Paula Monica Spiridon, Mirela Gherghe*
- 09.00 – 09.10 **Breast Implant Associated with Anaplastic Large Cell Lymphoma case report****  
*Dumitru Craciun, Ciprian Tutui, Catalin Mazilu, Raluca Mititelu*
- 09.10 – 09.20 **Pitfall of <sup>18</sup>F-FDG PET-CT. Adrenal Oncocytoma: A Case Report****  
*Miruna Matei, Stefan Solomon, Lenuta Manoli, Catalin Mazilu, Raluca Mititelu*
- 09.20 – 09.30 **<sup>18</sup>F-FDG PET-CT in diagnosing HCC associated portal vein tumor thrombosis****  
*Alexandru Mitoi, Sandica Bucurica, Mirel Alexa, Simona Mazilu, Teodora Mititelu, Catalin Mazilu, Raluca Mititelu*
- 09.30 – 09.40 **Discussions****
- 09.40 – 11.15 **Nuclear Medicine present and future – renal, pediatrics, musculoskeletal****  
Chairs: Irena Grierosu (Romania), Cati Raluca Stolniceanu (Romania)
- 09.40 – 10.10 **Interactive session – interesting cases, musculoskeletal imaging****  
*Tim Van Den Wyngaert (Belgium)*
- 10.10 – 10.35 **Diuretic renography in children- follow the joint EANM SNMMI guidelines****  
*Zvi Bar Sever (Israel)*

- 10.35 – 11.00 The importance of DMSA cortical scintigraphy in children**  
*Zvi Bar Sever (Israel)*
- 11.00 – 11.15 Oldie but Goldie: Practical Aspects & Pitfalls from 15 Years of Experience in Paediatric Functional Imaging**  
*Irena Grierosu (Romania)*
- 11.15 – 11.30 Coffee break**
- 11.30 – 13.40 Nuclear Cardiology – The ART of personalized medicine: cardiac amyloidosis, coronary artery disease**  
*\* Session supported by Pfizer through an unrestricted educational grant*  
Chairs: Dragana Sobic Saranovic (Serbia), Claudia Buzumurga (Romania)
- 11.30 – 11.40 Nuclear Cardiology – The art of personalized medicine**  
*Raluca Mititelu (Romania)*
- 11.40 – 12.00 Nuclear Medicine in cardiology in 2024. The cardiologist perspective**  
*Magdalena Gurzun (Romania)*
- 12.00 – 12.20 Nuclear Medicine in cardiology in 2024. The nuclear medicine specialist perspective**  
*Claudia Buzumurga (Romania)*
- 12.20 – 12.40 CT and MRI in cardiac pathology**  
*Dragos Cuzino (Romania)*
- 12.40 – 13.00 Cardiac amyloidosis – current guidelines and best practice**  
*Dragana Sobic Saranovic (Serbia)*
- 13.00 – 13.20 Aortic stenosis and cardiac amyloidosis**  
*Silviu Stanciu (Romania)*
- 13.20 – 13.30 Extracardiac uptake of <sup>99m</sup>Tc-HMDP in ATTR amyloidosis**  
*Stan Claudiu, Cristina Chirion, Dan Stanescu, Robert Adam, Gabriela Neculae, Sorina Badelita, Andreea Jercan, Daniel Coriu, Mirela Draghici, Camelia Dobrea, Razvan Capşa, Sebastian Onciul, Ruxandra Jurcuţ*
- 13.30 – 13.40 Q&A**
- 13.40 – 14.10 AWARD CEREMONY / CLOSING CEREMONY**
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# POSTER SESSION

21-23 March 2024 / Braşov



## POSTER SESSION

*Posters are available during the congress in the poster area.*

- P1 — The importance of Multiphasic Bone Scintigraphy in the evaluation of bone pathologies**  
*Andreea Baban, Diana Romede, Ana- Maria Statescu, Vlad Ghizdovat*
- P2 — Optimization steps for image reconstruction using PET-CT equipment for small animals**  
*Simona I. Băruță, Ilie A. Necșoiu, Livia E. Chilug, Dana Niculae*
- P3 — <sup>99m</sup>Tc-EDDA/HYNIC-TOC's role in detecting ACTH-secretant pituitary adenomas – a case report**  
*Alexandru Ioan Bajenaru, Raluca Mihaela Mititelu*
- P4 — Comparative evaluation of SUVmax and aBSI in monitoring patients with metastatic prostate cancer**  
*Nona-Alexandra Chelaru, Bianca-Simona Stoica, Mario-Demian Mutuleanu, Mirela Gherghe*
- P5 — The false negative aspect of the SPECT-CT and PET-CT examinations in a 20-year-old patient with metastatic triple-negative breast cancer**  
*Chirca Elena-Corina, Tatiana Lucia Șuta, Jamal Rabah, Mirela Gherghe*
- P6 — <sup>64</sup>Cu and <sup>89</sup>Zr – emerging radioisotopes produced at Radiopharmaceutical Research Centre @IFIN-HH**  
*Diana Cocioabă, Radu Leonte, Roxana Cornoiu, Bogdan Burghilea, Radu Șerban, Dragoș-Andrei Niculae, Simona Băruță, Andrei Necșoiu, Dana Niculae*
- P7 — Peculiar uptake in malignant ascites in bone scintigraphy: A Case Report**  
*Bianca Constantinescu, Miruna Matei, Catalin Mazilu, Raluca Mititelu*
- P8 — Importance of <sup>18</sup>F-FDG PET-CT in radioiodine-refractory thyroid carcinoma**  
*Dumitru Craciun, Mirel Alexa, Adina Mazilu, Mirela Oancea, Andrei Goldstein, Letitia Mititelu, Gabriela Voicu, Diana Neagu, Catalin Mazilu*
- P9 — Molecular imaging assessment in the management of a patient with recurrent multiple paragangliomas**  
*Renato-Flavius Drobotă, Jamal Rabah, Tatiana Lucia Suta, Mario Mutuleanu, Mirela Gherghe*
- P10 — Decoding the Silent Code: MPI Unveils Ischemia in Young Adult with RCA Hypoplasia**  
*Iona Hrapșa, Diana Iancu, Letitia Mititelu, Catalin Mazilu, Raluca Mititelu, S. Stanciu*
- P11 — Nuclear medicine imaging - semiquantitative analysis in transthyretin cardiac amyloidosis: static vs spect**  
*Teodor Marian Ionescu, Stolniceanu Cati Raluca, Jalloul Wael, Grierosu Irena, Țibu Ruxandra, Iacob Roxana, Ciocoiu Manuela, Lupușoru Raoul Vasile, Clement Alexandra, Sascău Radu-Andy, Petriș Octavian Antoniu, Ștefănescu Cipriana*
- P12 — The value of <sup>18</sup>F-FDG PET-CT in the management of a rare case of Erdheim-Chester Disease**  
*Adriana Marcuseanu, D. Vasile, M. Budau, M. Gherghe*
- P13 — The assistance of <sup>18</sup>F-FDG PET-CT in Prostate Cancer: A Case Report**  
*Miruna Matei, Alin Mitoi, Alexandru Militaru, Claudiu Patriche, Catalin Mazilu, Raluca Mititelu*

- P14 — Typical Pulmonary Carcinoid with Atypical Metastasis: A Case Report**  
*Miruna Matei, Bianca Constantinescu, Andreea Rosca, Catalin Mazilu, Raluca Mititelu*
- P15 — Pericardial Malignancies Unveiled by 18F-FDG PET-CT: A Case Series**  
*Miruna Matei, Iona Hrapşa, Catalin Mazilu, Dragoş Cuzino, Raluca Mititelu*
- P16 — Pathological association of pulmonary amyloidosis and lung metastasis in a patient with colorectal adenocarcinoma**  
*Micu Liliana, Mutuleanu Mario-Demian, Gherghe Mirela*
- P17 — Precision in Diagnosis: Unveiling Infective Endocarditis with 18F-FDG PET-CT Imaging**  
*Alexandru Militaru, Diana Florentina Minea, Alexandru Mitoi, Letitia Mititelu, Simona Mazilu, Catalin Mazilu*
- P18 — PET/CT dosimetry differences of oncological patients**  
*Diana C. Neagu, G. Stanciu, O. Popa, I.M. Grosu, M. Bestelei, C. Chinde, A. Gutea, B.M. Cirstea, T. Ciprut, I.A. Chiriac*
- P19 — Importance of decontamination protocols of the differentiated thyroid cancer patient admitted for <sup>131</sup>I therapy**  
*Diana C. Neagu, A.L. Goldstein, I.A. Chiriac, M. Purice, F. Alexiu, G. Voicu, O.G. Dului*
- P20 — Production, characterization and translation of radioisotopes of medical interest at the Radiopharmaceuticals Research Center (IFIN-HH, CCR)**  
*Ilie Andrei Necşoiu, Silvia Diana Cocioabă, Simona Ionela Băruţă, Maria Roxana Tudoroiu-Cornoiu, Radu Anton Leonte, Dana Niculae*
- P21 — Beyond the pixel: unmasking artifacts in pediatric <sup>99m</sup>Tc-dtpa scans**  
*Georgiana Prisacariu, Laura Bejinariu, Irena Cristina Grierosu, Ruxandra Ţibu, Ana Maria Stătescu, Magdalena Stârcea, Cipriana Ştefănescu*
- P22 — <sup>99m</sup>Tc-Tektrotyd Scintigraphy Shining upon Neuroendocrine Tumors**  
*Angela Oarza, Cati-Raluca Stolniceanu, Alexandru Florescu, Irena Cristina Grierosu, Oana Olariu, Rares Stamate, Cipriana Stefanescu*
- P23 — The role of <sup>99m</sup>Tc-edda/hynic-toc scintigraphy in the management of a bilateral glomus tumor**  
*Jamal Rabah, Renato-Flavius Drobotă, Tatiana Lucia Şuta, Mirela Gherghe*
- P24 — Hiding in Plain Sight: Atypical Presentation of Giant Ureteral Lithiasis in a Child**  
*Ioana O. Roată, I.C. Grierosu, A.M. Stătescu, M.I. Stârcea, C. Ştefănescu*
- P25 — Congenital hypothyroidism, risk factor for autism spectrum disorder**  
*Paula Spiridon, Diana Neagu, Gabriela Voicu, Andrei Liviu Goldstein, Iuliana Gherlan*
- P26 — The Utility of PET-CT in Prognostic Evaluation of Ovarian Cancer**  
*Paula Monica Spiridon, Cătălin Mazilu, Dragoş Cuzino, Raluca Mititelu*
- P27 — Extrasosseous liver uptake of <sup>99m</sup>Tc-HDP in breast cancer patient- clinical case**  
*Bianca-Simona Stoica, Nona-Alexandra Chelaru, Mirela Gherghe*
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