

## LISTA DE LUCRARI

### Lista celor maxim 10 lucrări considerate a fi cele mai relevante

**1. The New Radiolabeled Peptide <sup>99m</sup>TcEDDA/HYNIC-TOC: Is It a Feasible Choice for Diagnosing Gastroenteropancreatic NETs?**

**Gherghe M**, Lazăr AM, Stanciu AE, Mutuleanu MD, Sterea MC, Petroiu C, Galeș LN. *Cancers*. 2022 May 31;14(11):2725. doi: 10.3390/cancers14112725, **IF 6,575**

**2. Quantitative Analysis of SPECT-CT Data in Metastatic Breast Cancer Patients- The Clinical Significance.**

**Gherghe M**, Mutuleanu MD, Stanciu AE, Irimescu I, Lazar A, Bacinschi X, Anghel RM. *Cancers* . 2022 Jan 6;14(2):273. doi: 10.3390/cancers14020273. **IF 6,575**

**3. Evaluating Cardiotoxicity in Breast Cancer Patients Treated with HER2 Inhibitors: Could a Combination of Radionuclide Ventriculography and Cardiac Biomarkers Predict the Cardiac Impact?**

**Gherghe M**, Lazar AM , Mutuleanu MD, Bordea CI, Ionescu S , Mihaila RI, Petroiu C, Stanciu AE  
*Cancers*. 2022 Dec 29, 1951011; doi: 10.3390/cancers15010207. **IF 6,575**

**4. Standardized Uptake Values on SPECT/CT: A Promising Alternative Tool for Treatment Evaluation and Prognosis of Metastatic Neuroendocrine Tumours.**

**Gherghe M**, Lazar AM, Simion L, Irimescu I, Sterea MC, Mutuleanu MD, Anghel RM. *Diagnostics*, 2023, Jan 15 2089835; doi: 10.3390/diagnostics13020318. **IF 3,992**

**5. Quantitative Assessment of Treatment Response in Metastatic Breast Cancer Patients by SPECT-CT Bone Imaging - Getting Closer to PET-CT**

**Gherghe M**, Mutuleanu MD, Stanciu AE, Irimescu I, Lazar AM, Toma RV, Trifanescu OG, Anghel RM  
*Cancers* 2023, Jan 23; 15(3), 696; doi:10.3390/ cancers15030696. **IF 6,575**

**6. Radiomics Analysis of [<sup>18</sup>F]FDG PET/CT Thyroid Incidentalomas: How Can It Improve Patients' Clinical Management? A Systematic Review from the Literature.**

**Gherghe M**, Lazar AM, Mutuleanu MD, Stanciu AE, Martin S.  
*Diagnostics*. 2022 Feb 12;12(2):471. doi: 10.3390/diagnostics12020471. **IF 3,992**

**7. Quantitative SPECT/CT Parameters in the Assessment of Transthyretin Cardiac Amyloidosis - A New Dimension of Molecular Imaging**

**Gherghe M**, Lazăr AM\*, Sterea MC, Spiridon PM, Motaș N, Galeș LN, Coriu D, Badeliță SN, Mutuleanu MD

Journal of Cardiovascular Development and Disease. 2023 Jun10 (6) 2404776;  
doi:10.3390/jcdd10060242. **IF 4,415**

**8. Quantitative vs. Qualitative SPECT-CT Diagnostic Accuracy in Bone Lesion Evaluation—A Review of the Literature**

Mutuleanu MD, Paun DL, Lazar AM, Petroiu C, Trifanescu OG, Anghel RM, **Gherghe M** Diagnostics 2023, Sep 17, 13 (18), 2971. doi:10.3390/diagnostics13182971. **IF 3,6**

**9. Feasibility of Sentinel Lymph Node Biopsy in Breast Cancer Patients with Axillary Conversion after Neoadjuvant Chemotherapy - A Single-Tertiary Centre Experience and Review of the Literature**

Lazăr AM, Mutuleanu MD, Spiridon\* PM, Bordea CI\* , Șuță TL, Blidaru A, **Gherghe M** Diagnostics 2023 Sep 13 (18) 2611325; doi: 10.3390/diagnostics13183000. **IF 3,6**

**10. Portrait of the Inflammatory Response to Radioiodine Therapy in Female Patients with Differentiated Thyroid Cancer with/without Type 2 Diabetes Mellitus**

Stanciu AE, Hurduc A, Stanciu MM, **Gherghe M\***, Gheorghe DC, Prunoiu VM, Zamfir-Chiru-Anton A  
Cancers 2023 Jul 15 (15), 2491724; doi: 10.3390/cancers15153793 **IF 5,2**

**Teza de doctorat**

**Ganglionul santinelă în tratamentul chirurgical al cancerului mamar** (coordonator Prof. Dr. Alexandru Blidaru)

**Cărți și capitole din cărți**

**Ghidul European de Medicină Nucleară** (traducere) - coordonator

**Oncologie Generală** – capitol (autor unic)

**Sentinel Lymph Node Biopsy in Neoplasia** – capitol (coautor)

**Articole in extenso publicate in calitate de autor principal în reviste  
cotate Thomson Scientific ISI Web of Knowledge cu FI calculat de  
Thomson Reuters**

**1. The New Radiolabeled Peptide <sup>99m</sup>TcEDDA/HYNIC-TOC: Is It a Feasible Choice for Diagnosing Gastroenteropancreatic NETs?**

**Gherghe M**, Lazăr AM, Stanciu AE, Mutuleanu MD, Sterea MC, Petroiu C, Galeş LN. *Cancers*. 2022 May 31;14(11):2725. doi: 10.3390/cancers14112725, **IF 6,575**

**2. Quantitative Analysis of SPECT-CT Data in Metastatic Breast Cancer Patients- The Clinical Significance.**

**Gherghe M**, Mutuleanu MD, Stanciu AE, Irimescu I, Lazar A, Bacinschi X, Anghel RM.

*Cancers* . 2022 Jan 6;14(2):273. doi: 10.3390/cancers14020273. **IF 6,575**

**3. Evaluating Cardiotoxicity in Breast Cancer Patients Treated with HER2 Inhibitors: Could a Combination of Radionuclide Ventriculography and Cardiac Biomarkers Predict the Cardiac Impact?**

**Gherghe M**, Lazar AM , Mutuleanu MD, Bordea CI, Ionescu S , Mihaila RI, Petroiu C, Stanciu AE

*Cancers*. 2022 Dec 29, 1951011; doi: 10.3390/cancers15010207. **IF 6,575**

**4. Standardized Uptake Values on SPECT/CT: A Promising Alternative Tool for Treatment Evaluation and Prognosis of Metastatic Neuroendocrine Tumours.**

**Gherghe M**, Lazar AM, Simion L, Irimescu I, Sterea MC, Mutuleanu MD, Anghel RM. *Diagnostics*, 2023, Jan 15 2089835; doi: 10.3390/diagnostics13020318. **IF 3,992**

**5. Quantitative Assessment of Treatment Response in Metastatic Breast Cancer Patients by SPECT-CT Bone Imaging - Getting Closer to PET-CT**

**Gherghe M**, Mutuleanu MD, Stanciu AE, Irimescu I, Lazar AM, Toma RV, Trifanescu OG, Anghel RM

*Cancers* 2023, Jan 23; 15(3), 696; doi:10.3390/ cancers15030696. **IF 6,575**

**6. Radiomics Analysis of [<sup>18</sup>F]FDG PET/CT Thyroid Incidentalomas: How Can It Improve Patients' Clinical Management? A Systematic Review from the Literature.**

**Gherghe M**, Lazar AM, Mutuleanu MD, Stanciu AE, Martin S.

*Diagnostics*. 2022 Feb 12;12(2):471. doi: 10.3390/diagnostics12020471. **IF 3,992**

**7. Quantitative SPECT/CT Parameters in the Assessment of Transthyretin Cardiac Amyloidosis - A New Dimension of Molecular Imaging**

**Gherghe M**, Lazăr AM\*, Sterea MC, Spiridon PM, Motaş N, Galeş LN, Coriu D, Badeliţă SN, Mutuleanu MD

*Journal of Cardiovascular Development and Disease*. 2023 Jun10 (6) 2404776; doi:10.3390/jcdd10060242. **IF 4,415**

**8. Quantitative vs. Qualitative SPECT-CT Diagnostic Accuracy in Bone Lesion Evaluation—A Review of the Literature**

Mutuleanu MD, Paun DL, Lazar AM, Petroiu C, Trifanescu OG, Anghel RM, **Gherghe M**

Diagnostics 2023, Sep 17, 13 (18), 2971. doi:10.3390/diagnostics13182971. **IF 3,6**

**9. Feasibility of Sentinel Lymph Node Biopsy in Breast Cancer Patients with Axillary Conversion after Neoadjuvant Chemotherapy - A Single-Tertiary Centre Experience and Review of the Literature**

Lazăr AM, Mutuleanu MD, Spiridon\* PM, Bordea CI\* , Şuţă TL, Blidaru A, **Gherghe M**

Diagnostics 2023 Sep 13 (18) 2611325; doi: 10.3390/diagnostics13183000. **IF 3,6**

**10. Somatostatinoma and Neurofibromatosis Type 1-A Case Report and Review of the Literature.**

Martin S, Fica S, Parfeni O, Popa L, Manuc T, Rizea O, Lupescu I, **Gherghe M\***, Becheanu G, Croitoru A.

Diagnostics . 2020 Aug 21;10(9):620. doi: 10.3390/diagnostics10090620. **IF 3,992**

**11. Portrait of the Inflammatory Response to Radioiodine Therapy in Female Patients with Differentiated Thyroid Cancer with/without Type 2 Diabetes Mellitus**

Stanciu AE, Hurduc A, Stanciu MM, **Gherghe M\***, Gheorghie DC, Prunoiu VM, Zamfir-Chiru-Anton

A

Cancers 2023 Jul 15 (15), 2491724; doi: 10.3390/cancers15153793 **IF 5,2**

**12. Understanding COVID Vaccination and Its Implication in Cancer Patients' Imaging of Lymph Nodes by PET-CT.**

Gales LN, Brotea-Mosoiu S, Trifanescu OG, Lazar AM, **Gherghe M.**

Diagnostics. 2022 Sep 6;12(9):2163. doi: 10.3390/diagnostics12092163. **IF 3,992**

**13. Maternal HPV Infection: Effects on Pregnancy Outcome.**

Condrat CE, Filip L, **Gherghe M\***, Cretoiu D, Suci N.

Viruses. 2021 Dec 7;13(12):2455. doi: 10.3390/v13122455. **IF 5,818**

**14. Tips and Tricks for a Successful Literature Review as Part of Medical Career Development**

Simion L, Mosoiu D, Mitrea N, Serban D, Luca DC, Alecu M, Ionescu S, **Gherghe M\***, Cirimbei C, Doran H

Chirurgia (2023) 118: 445-454 No. 5, September – October, doi:10.21614/chirurgia.2023. **IF 0,6**

**Articole in extenso publicate in calitate de coautor în reviste cotate Thomson Scientific ISI Web of Knowledge cu FI calculat de Thomson Reuters**

**1. How Many Times Can One Go Back to the Drawing Board before the Accurate Diagnosis and Surgical Treatment of Glucagonoma?**

Martin CS, Parfeni OD, Popa LG, Mihai MM, Terzea D, Herlea V, **Gherghe M**, Adam R, Alnuaimi O, Calu V, Miron A, Negoita S, Nitipir C, Fica S.  
Diagnostics. 2022 Jan 16;12(1):216. doi: 10.3390/diagnostics12010216. **IF 3,992**

**2. Therapies beyond Physiological Barriers and Drug Resistance: A Pilot Study and Review of the Literature Investigating If Intrathecal Trastuzumab and New Treatment Options Can Improve Oncologic Outcomes in Leptomeningeal Metastases from HER2-Positive Breast Cancer**

Trifănescu OG, Mitrea D, Gales LN, Ciornei A, Păun MA, Butnariu I, Trifănescu RA, Motas N, Toma RV, Bîlteanu L, **Gherghe M**, Anghel RM.  
Cancers 2023, Apr.,15, 2508.doi:10.3390/cancers15092508 **IF 6,575**

**3. Salvage Surgery for Small-Cell Lung Cancer - A Literature Review.**

Motas N, Manolache V, Scarci M, Nimigean V, Simion L, Mizea CM, Trifanescu OG, Galateanu B, **Gherghe M**, Capsa CM, Gonzalez-Rivas D, Davidescu MD.  
Cancers 2023 Apr; 15(8): 2241. doi: 10.3390/cancers15082241 **IF 6,575**

**4. Analysis of Efficacy-To-Safety Ratio of Angiogenesis-Inhibitors Based Therapies in Ovarian Cancer: A Systematic Review and Meta-Analysis**

Simion L, Rotaru V, Cirimbei C, Stefan DC, **Gherghe M**, Ionescu S, Tanase BC, Luca DC, Gales LN, Chitoran E.  
Diagnostics (Basel). 2023 Mar 9;13(6):1040. doi: 10.3390/diagnostics13061040. **IF 3,992**

**5. Validation of a New Prognostic Score in Patients with Ovarian**

**Adenocarcinoma.** Trifanescu OG, Mitrica RI, Gales LN, Marinescu SA, Motas N, Trifanescu RA, Rebegea L, **Gherghe M**, Georgescu DE, Serbanescu GL, Bashar HH, Dragosloveanu S, Cristian DA, Anghel RM  
Medicina (Kaunas). 2023 Jan 26;59(2):229.doi: 10.3390/medicina59020229. **IF 2,948**

**6. Long-Term Outcome of Patients with Stage II and III Muscle-Invasive Urothelial Bladder Cancer after Multimodality Approach. Which Is the Best Option**

Oana Gabriela Trifanescu, Laurentia Nicoleta Gales, Mihai Andrei Paun, Natalia Motas , Serban Andrei Marinescu , Ion Virtosu , Raluca Alexandra Trifanescu, **Mirela Gherghe**, Liviu Bîlteanu , Camelia Cristina Diaconu, Rodica Maricela Anghel  
Medicina. 2022 Dec27 16doi: 10.3390/medicina59010050. **IF 2,948**

**7. Clinical significance of serum matrix metalloproteinase 9 and tissue inhibitor of metalloproteinase 1 in the first phase of burn trauma evolution.**

Stanciu AE, Zamfir-Chiru-Anton A, Stanciu MM, **Gherghe M**, Hainarosie R,

Furtunescu FL, Gheorghe DC.

Exp Ther Med. 2021 Oct;22(4):1113. doi: 10.3892/etm.2021.10547. **IF 2,751**

**8. Role and dynamics of matrix metalloproteinase 9 and tissue inhibitor of metalloproteinase 1 in burn patients.**

Stanciu AE, Zamfir-Chiru-Anton A, Stanciu MM, **Gherghe M**, Hainarosie R, Furtunescu FL, Gheorghe DC.

Exp Ther Med. 2021 Oct;22(4):1062. doi: 10.3892/etm.2021.10496. **IF 2,751**

**9. Clinical significance of serum melatonin in predicting the severity of oral squamous cell carcinoma.**

Stanciu AE, Zamfir-Chiru-Anton A, Stanciu MM, Stoian AP, Jinga V, Nitipir C, Bucur A, Pituru TS, Arsene AL, Dragoi CM, Hainarosie R, Nicolae AC, **Gherghe M**, Gheorghe DC, Spandidos DA, Tsatsakis A, Papasavva M, Drakoulis N.

Oncol Lett. 2020 Feb;19(2):1537-1543. doi: 10.3892/ol.2019.11215. **IF 2,967**

**Articole publicate în extenso în reviste ISI fără IF, PubMed sau în ISI Proceedings, în calitate de: autor principal**

1. **Clinical significance of the lymphoscintigraphy in the evaluation of non-axillary sentinel lymph node localization in breast cancer.** **Gherghe M**, Bordea C, Blidaru A. Chirurgia (Bucur). 2015 Jan-Feb;110(1):26-32.PMID: 25800312
2. **Sentinel lymph node biopsy (SLNB) vs. axillary lymph node dissection (ALND) in the current surgical treatment of early stage breast cancer.** **Gherghe M**, Bordea C, Blidaru A. J Med Life. 2015 Apr-Jun;8(2):176-80.PMID: 25866575
3. **Pitfalls in Cutaneous Melanoma Lymphatic Drainage.** Voinea S, Sandru A, **Gherghe M**; Chirurgia (Bucur). 2016 Jan-Feb;111(1):87-9.PMID: 26988547
4. **Sentinel Lymph Node Biopsy after Neoadjuvant Treatment for Breast Cancer. The Validation Protocol.** Bordea C, **Gherghe M**, Capsa C, Noditi A, Ianovici C, Caragheorghe G, Blidaru A. Chirurgia (Bucur). 2021 Mar-Apr;116(2):178-185. doi:10.21614/chirurgia. 116.2.178.PMID: 33950813
5. **Pseudorandom Sequence Generator for Spread Spectrum Communications.**, Visan Daniel Alexandru; Lita Ioan; Jurian Mariana; **Gherghe Mirela**, IEEE 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) - Iasi, Romania, 1– 4. doi:10.1109/ECAI.2018.8678968
6. **Intelligent monitoring and planning system for herbicidal processes in agricultural crops,** G. Mazăre, L. M. Lonescu, L. Liță, D. Vișan, N. Belu and **M. Gherghe**, 2018 IEEE 24th International Symposium for Design and Technology in Electronic Packaging (SIITME), Iasi, Romania, 2018, pp. 169-172, doi: 10.1109/SIITME.2018.8599213.
7. **Determining the Risk Level Regarding to the Positioning of an Exam Machine Used in the Nuclear Environment, based of polynomial regression,** M. Oproescu,

Bucuresti, M. -D. Stanica, V. -G. Iana, I. Lita and **M. Gherghe**, 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Iasi, Romania, 2018, pp. 1-4, doi: 10.1109/ECAI.2018.8679054.

**Articole publicate în extenso în reviste ISI fără IF, PubMed sau în ISI Proceedings, în calitate de: coautor**

**1. Breast Cancer Surgery in Images.** Blidaru A, Bordea CI, Ichim E, Houcheimi BE, Purge IM, Noditi A, Sterie I, **Gherghe M**, Radu M. *Chirurgia (Bucur)*. 2017 Jul-Aug;112(4):486-493. doi: 10.21614/chirurgia.112.4.486. PMID: 28862128

**2. Peculiarities of lymphatic drainage in cutaneous malignant melanoma: clinical experience in 75 cases.** Voinea S, Sandru A, **Gherghe M**, Blidaru A., *Chirurgia (Bucur)*. 2014 Jan-Feb;109(1):26-33.PMID: 24524467

**3. Occult breast lesion localization and concomitant sentinel lymph node biopsy in early breast cancer (SNOLL),** Bordea C, Plesca M, Condrea I, **Gherghe M**, Gociman A, Blidaru A. *Chirurgia (Bucur)*. 2012 Nov-Dec;107(6):722-9.PMID: 23294949

**4. Latest approaches in the surgical treatment of cutaneous malignant melanoma.** Sandru A, Bordea CI, Voinea SC, **Gherghe M**, Albert P, Condrea I, Blidaru A., *Chirurgia (Bucur)*. 2011 May-Jun;106(3):301-8.PMID: 21853736

**5. Microcontroller Based Magnetometer for Smart Meters Used in Electrical Energy Measurement,** I. Lita, D. A. Visan, **M. Gherghe**, L. M. Ionescu, A. G. Mazare and I. Lita, 2018 41st International Spring Seminar on Electronics Technology (ISSE), Zlatibor, Serbia, 2018, pp. 1-4, doi: 10.1109/ISSE.2018.8443693.

**Articole publicate in extenso in reviste indexate in alte BDI in calitate de: autor principal**

**1. Neuroendocrine tumor (bronchial carcinoid) discovered after ocular symptoms – a case report.** Ciocan, A. G., Băjenaru, A. I., & **Gherghe, M.** (2022), *Oncolog-Hematolog.Ro.*, DOI: 10.26416/OnHe.61.4.2022.7412

**2. Variability of response to multimodal therapy in a stage IV bronchial carcinoid: A case report.,** Băjenaru, A. I., Predescu, L., & **Gherghe, M.** (2022), *Oncolog-Hematolog.Ro.*, DOI: 10.26416/OnHe.60.3.2022.7155

- 3. Comparative Evaluation of the Bladder Tumor-Associated Antigen, Urinary Bladder Cancer Antigen, Tissue Polypeptide Specific Antigen and Voided Urine Cytology in Early Detection of Primary Bladder Tumors.** Stanciu, A.E., Serdarevic, N., Stanciu, M.M., Mazilu, L., Bratu, O., **Gherghe, M.**, Voinea, S.C. & Gheorghe, D.C. (2019). *Revista de Chimie*, 70(12), 4514-4518. <https://doi.org/10.37358/RC.19.12.7786>

**Studii publicate în formă de rezumat în reviste cotate ISI, Web of Science Clarivate  
(cu factor de impact)**

- 1. Molecular Imaging in Cardio-Oncology: Detecting Cardiotoxicity of Breast Cancer Treatments Through Radionuclide Ventriculography and Novel Cardiac Biomarkers Assessment,** A. Lazar, M. Mutuleanu, I. Irimescu, R. Maaz, C. Petroiu, **M.Gherghe**, 36<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2023, <https://doi.org/10.1007/s00259-023-06333-x>
- 2. Quantification of <sup>99m</sup>Tc-EDDA/HYNIC-TOC SPECT/CT: a feasible alternative to <sup>68</sup>Ga-DOTA-PET in patients with NET disease,** P. Spiridon, A. Lazar, R. Maaz, J. Rabah, M. Mutuleanu, **M.Gherghe**, 36<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2023, <https://doi.org/10.1007/s00259-023-06333-x>
- 3. <sup>99m</sup>Tc-PYP Quantification Through SPECT/CT-Based Parameters in the Assessment of Cardiac Transthyretin Amyloidosis: Feasibility and Correlation with Semiquantitative Planar Indices,** A. Lazar, M. Mutuleanu, A. Jercan, S. Badelita, D. Coriu, **M.Gherghe**, 36<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2023, <https://doi.org/10.1007/s00259-023-06333-x>
- 4. The Role of SPECT/CT NEMA NU2 Calibration in Quantitative Imaging,** I. Irimescu, R. Maaz, A. Lazar, M. Mutuleanu, C. Petroiu, M. Mihailescu, **M. Gherghe**, 36<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2023, <https://doi.org/10.1007/s00259-023-06333-x>
- 5. Molecular Imaging Findings in Erdheim-Chester Disease-An Extremely Rare Multisystemic Disorder,** A. Marcuseanu, A. Budau, D. Vasile, A. Lazar, C. Sterea, **M.Gherghe**, 36<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2023, <https://doi.org/10.1007/s00259-023-06333-x>
- 6. The added value of quantitative SPECT-CT data in diferentiating metastatic and degenerative lesions in breast cancer patients,** M. Mutuleanu, A. Lazar, I. Irimescu, **M. Gherghe**; 35<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2022, <https://doi.org/10.1007/s00259-022-05924-4>
- 7. Assessment of Cardiac Toxicity of HER2-Targeted Therapies: Results After 6 Month Follow-up,** A. Lazar, M. Mutuleanu, C. Sterea, I. Irimescu, C. Petroiu, **M. Gherghe**; 35<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2022, <https://doi.org/10.1007/s00259-022-05924-4>



8. **Atypical Onset Of A Bronchial Carcinoid Through Ocular Symptoms: Case Report**, A. Ciocan, A. Bajenaru, A. Lazar, M. Mutuleanu, M. Gherghe; 35<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2022, <https://doi.org/10.1007/s00259-022-05924-4>
9. **Quantitative assessment of bone metastases in breast cancer patients**, M. Mutuleanu, A. Lazar, I. Irimescu, M. Gherghe; 34<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2021, <https://doi.org/10.1007/s00259-021-05547-1>
10. **Evaluation of Cardiac Toxicity in Patients Undergoing Breast Cancer Treatment with HER2-inhibitors**, A. Lazar, M. Mutuleanu, M. Gherghe, I. Irimescu; 34<sup>th</sup> Annual Congress of the European Association of Nuclear Medicine, 2021, <https://doi.org/10.1007/s00259-021-05547-1>
11. **Epidemiology and evolution data on gastroenteropancretic and pulmonary neuroendocrine tumors**, Cristina Olariu , Gherghe Mirela, Corin Badiu, 21<sup>st</sup> European Congress of Endocrinology, 2019 , DOI: 10.1530/endoabs.63.P881
12. **Cured medullary thyroid carcinoma after surgical treatment: does initial presentation matters?**, Georgiana Alexandra Smarandoiu, Raluca Trifanescu, Oana Popa, Andrei Muresan, Mirela Gherghe & Catalina Poiana, 21<sup>st</sup> European Congress of Endocrinology, 2019, DOI: 10.1530/endoabs.63.P1182
13. **Growth/differentiation factor-15 from biomarker to target in cancer.**, Stanciu, Adina & Bolovan, Madalina & Lazar, A.M. & Mutuleanu, M.D. & Stanciu, M.M. & Zamfirescu, A. & Gales, Laurentia & **Gherghe, M.**, 2022, *Annals of Oncology*. 33. S1395. 10.1016/j.annonc.2022.09.038.
14. **Anisotropic Diffusion and Wavelet Filtering of Ultrasound Images**, G. V. Gavriloaia, **M. Gherghe**, M. Gavriloaia, *Ultrasound in Medicine and Biology*, Volume 37, Issue 8, S151, <https://doi.org/10.1016/j.ultrasmedbio.2011.05.695>
15. **The Use of Ultrasound in the Follow-up of Patients with Thyroid Carcinoma after Total Thyroidectomy**, **Gherghe, M.**, *Ultrasound in Medicine and Biology*, Volume 37, Issue 8, S131, <https://doi.org/10.1016/j.ultrasmedbio.2011.05.591>
16. **Interaction of solid malignant tumours with optical beams**, M.L. Pascu; R. Fumarel; **M. Gherghe** (2010), 203(1), 77–0. doi: 10.1016/j.cancergencyto.2010.07.071
17. **Sentinel Lymph Node Biopsy And Oncoplastic Surgery Of The Breast At The Institute Of Oncology Bucharest**, A. Blidaru , C. Bordea , M. Plesca , M. Radu, I. Matei, O. Badea, **M. Gherghe**, 19th International Meeting of the European Society of Gynecological Oncology (ESGO 2015), <http://dx.doi.org/10.1097/01.IGC.0000473498.85773.6e>
18. **Immunological Aspects Predicting Metastatic Sentinel Lymph Node In Early Breast Cancer Patients**. C. Bordea, A. Blidaru, M. Bordea, M. Plesca, **M. Gherghe**, 19th International Meeting of the European Society of Gynecological Oncology (ESGO 2015), <http://dx.doi.org/10.1097/01.IGC.0000473498.85773.6e>
19. **Sentinel Lymph Node Biopsy In Early Cervical Cancer. A Prospective Study At The Institute Of Oncology Bucharest**, C. Bordea , A. Blidaru , F. Marin, E. Ichim, I. Matei, M. Plesca, **M. Gherghe**, 19th International Meeting of the European Society of Gynecological Oncology (ESGO 2015), <http://dx.doi.org/10.1097/01.IGC.0000473498.85773.6e>

20. **Recurrence assessment in papillary thyroid carcinoma associated with autoimmune thyroid diseases, after thyroidectomy and before radioiodine therapy** A. E. Stanciu, A. Rosu, A. Tache, **M. Gherghe**, A. Hurduc. *Institute of Oncology Bucharest, Bucharest, Romania*,
21. **Myocardial perfusion imaging - A possible role in revealing endothelial dysfunction in patients with angina and normal coronary angiogram**, **Gherghe, M.**, Aron, G., Radu, E., & Zara, O. (2007)., International Atomic Energy Agency, Nuclear Medicine Section and Industrial Applications and Chemistry Section, Vienna (Austria); Chulabhorn Cancer Institute, Chulabhorn Research Institute (Thailand); 341 p; Nov 2007; p. 228-229; IPET 2007: International conference on clinical PET and molecular nuclear medicine; Bangkok (Thailand); 10-14 Nov 2007; IAEACN--157/142P
22. **A New Method For Early Thyroid Nodule Detection**, G. V. Gavrioloia, **M. Gherghe**, A. M. Ghemigean, M.-R. Gavrioloia (Bucharest, Romania), 2010, 14<sup>th</sup> International Thyroid Congress Meeting, Paris, France
23. **Tc-99m MDP three phase bone scintigraphy in the evaluation of malignant bone and soft tissue**, **Gherghe, M.**, Petrec, S, and Aron, G., IAEA: Web. Journal Name: World Journal of Nuclear Medicine; Journal Volume: 3; Journal Issue: suppl.1; Other Information: PBD: Jan 2004
24. **Radioiodine therapy of differentiated thyroid cancer in patients with negative diagnostic I 131 scintigraphy and high serum thyroglobulin level.**, **Gherghe, M.**, Goldstein, A., & Dumitriu, L. (2005). World Journal of Nuclear Medicine, 4(suppl1), S49-S50.
25. **Aspects scientigraphique dans l'osteonecrose aseptique de la tete femorale-** **Gherghe M.**, Chirion C., Stanescu A.,1998, III Congres Est -European Francophone d'Imagerie Medicale -Budapest, Hongrie
26. **The 99m Tc three phase bone scintigraphy in the evaluation of malignant bone and soft tissue tumors**, **Gherghe M.**, Petrec S., Aron G., 2004, IAEA International Symposium on Nuclear Oncology - Porto Alegre, Brasil
27. **Sentinel node imaging in breast cancer: effect of using a superficial "weaved" intradermal injection technique on number of nodes identified on gamma camera** - Adil Al-Nahhas, **Gherghe M.**, 2007, BNMS Autumn Meeting , Manchester, Great Britain
28. **Prognostic value of myocardial perfusion imaging - correlation with BNP level in the evaluation of myocardial ischemia** - **Gherghe M.**, Aron G., 2008, 9<sup>th</sup> AOCNMB, New Delhi, India

Studii publicate în formă de rezumat în reviste si volumele unor manifestari stiintifice  
cu ISBN/ISSN

1. **Somatostatin Receptor Analogues SPECT- CT : Is It Still a Feasible Choice for Diagnosing Gastroenteropancreatic NETS?** Mirela Gherghe, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
2. **Could a Combination of Radionuclide Ventriculography and Cardiac Biomarkers Predict Cardiotoxicity in Breast Cancer Patients Treated with Her2-Inhibitors?**, Alexandra Maria Lazar, Mario-Demian Mutuleanu, Ionela-Nicoleta Irimescu, Robert Maaz, Cristina Petroiu , **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
3. **Quantitative <sup>99m</sup>Tc-PYP SPECT/CT in Patients Suspected with Transthyretin-Related Cardiac Amyloidosis: Feasibility and Correlation with Semiquantitative Indices**, Alexandra Maria Lazar, Mario-Demian Mutuleanu, Andreea Jercan, Sorina Nicoleta Badelita, Daniel Coriu, **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
4. **Evaluation of Therapy Response in Solid Bone Tumor Metastases by Quantitative SPECT-CT Hybrid Imaging**, Mario-Demian Mutuleanu, Alexandra Maria Lazar, **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
5. **<sup>99m</sup>Tc-EDDA/HYNIC-TOC (TEKTROTYD) Scan Raising Diagnostic Suspicion in Mischaracterized Meningioma - A Case Report**, Maria-Carla Sterea, Alexandra Maria Lazar, Mario Mutuleanu, Ionela Irimescu, **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
6. **A False Negative SPECT-CT Bone Scan in a 20-Year-Old Patient with Triple-Negative Metastatic Breast Cancer**, Tatiana Lucia Şuta, Jamal Rabah, **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
7. **Artificial Intelligence Guided Software Used for Masking The Bladder from Whole-Body Bone Scans**, Iulian-Alexandru Taciuc, Cătălin-Florin Blaj, Adrian Costache, **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
8. **SPECT-CT Data Quantification in Monitoring Metastatic Neuroendocrine Tumours – Case Report**, Iulian-Alexandru Taciuc, Ion-Alexandru Ioana, Iuliana Dorde, Alexandra Maria Lazar, **Mirela Gherghe**, 10<sup>th</sup> Balkan Congress of Nuclear Medicine, 2023, ISSN 2734 – 7303 ISSN-L 2668 – 3717 Nr.3/2023
9. **Neuroendocrine Tumor (Bronchial Carcinoid), Discovered After Ocular Symptoms: Case Presentation**, Alexandra Gabriela Ciocan, Alexandru Ioan Băjenaru, **Mirela Gherghe**, Zilele Medicinii Nucleare 2022, ISSN 2734 - 7303 ISSN-L 2668 – 3717 Nr.2/2022, Cluj-Napoca, 2022
10. **Quality Control In Quantitative SPECT/CT Imaging**, Irimescu Ionela-Nicoleta, Maaz Robert, Lazar Alexandra, Mutuleanu Mario, Petroiu Cristina, **Gherghe Mirela**, Zilele Medicinii Nucleare 2022, ISSN 2734 - 7303 ISSN-L 2668 – 3717 Nr.2/2022, Cluj-Napoca, 2022

- 11. SPECT/CT ERNA FOR EVALuating the Cardiac Toxicity in Patients Undergoing Breast Cancer Treatment with HER-2 inhibitors**, Lazar Alexandra, Mutuleanu Mario, Predescu Laura, Irimescu Ionela, **Gherghe Mirela**, Zilele Medicinei Nucleare 2022, ISSN 2734 - 7303 ISSN-L 2668 – 3717 Nr.2/2022, Cluj-Napoca, 2022
- 12. Variability Of Response To Multimodal Therapy In A Stage IV Bronchic Carcinoid - Case Presentation**, Laura Predescu, Alexandru Ioan Bajenaru, **Mirela Gherghe**, Zilele Medicinei Nucleare 2022, ISSN 2734 - 7303 ISSN-L 2668 – 3717 Nr.2/2022, Cluj-Napoca, 2022
- 13. SPECT/CT Quantification Data In Differentiating Metastatic And Degenerative Disease In Breast Cancer Patients**, M.Mutuleanu, I.Irimescu, A.Lazar, **M.Gherghe**, Zilele Medicinei Nucleare 2022, ISSN 2734 - 7303 ISSN-L 2668 – 3717 Nr.2/2022, Cluj-Napoca, 2022
- 14. Quantitative Analysis Performed Based On SPECT/CT Examination Data**, Mario Mutuleanu, Laura Predescu, Daniel Cîrstoveanu, **Mirela Gherghe**, Zilele Medicinei Nucleare 2020, ISSN 2734-7303 / ISSN-L 2668-3717
- 15. Neuroendocrine Tumor Of Unknown Primary Origin, Complicated With Extensive SplenoPortal Axis Thrombosis: Case Presentation**, Mario Mutuleanu, Laura Predescu, Daniel Cîrstoveanu, Adina Croitoru, **Mirela Gherghe**, Zilele Medicinei Nucleare 2020, ISSN 2734-7303 / ISSN-L 2668-3717
- 16. The Role Of F18-FDG PET/CT Imaging In A Rare Case Of Inferior Vena Cava Leiomyosarcoma**, Irina Maria Strugari, Romina Florentina Costache, Adina Croitoru, **Mirela Gherghe**, Zilele Medicinei Nucleare 2020, ISSN 2734-7303 / ISSN-L 2668-3717
- 17. Aspecte Imagistice Într-Un Caz Particular De Somatostatinom Asociat Cu Neurofibromatoză Tip I**, Romina Florentina Costache, Irina Maria Strugari, Sorina Martin, **Mirela Gherghe**, Zilele Medicinei Nucleare 2020, ISSN 2734-7303 / ISSN-L 2668-3717
- 18. PET/CT with F18-FDG Examination versus Somatostatin Receptor Scintigraphy in a Patient with Neuroendocrine Ileal G2 Tumor**, M. Mutuleanu, R. Costache, M. Gherghe, Zilele Medicinei Nucleare 2019, ISSN 2668-3717, ISSN-L 2668-3717
- 19. False Positive Result of Bone Metastases in a Case of Pancreatic Glucagonoma. Case Presentation.**, M.G. Alexa, I.M.Strugari, **Mirela Gherghe**, Zilele Medicinei Nucleare 2019, ISSN 2668-3717, ISSN-L 2668-3717

Data: 18.12.2023

Semnătură,