



Europass Curriculum Vitae

Informations personnelles

Nom de famille/Prénom) **Gaje Nela Puşa**
Adresse(s) Piaţa Eftimie Murgu Nr 1-2, 300041, Timișoara, România

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Nationalité roumaine

Sexe féminin

Expérience professionnelle

Période	2015- présent
Fonction ou poste occupé	Maître de conférences
Principales activités et responsabilités	Activités d'enseignement et de recherche - angiogenèse tumorale
Période	2015- présent
Funcția sau postul ocupat	Maître de conférences, Université de Médecine et de Pharmacie "Victor Babeș" Timișoara, Département II Morphologie Microscopique, Département d'histologie et de cytologie, Centre de recherche sur l'angiogenèse Timișoara
Période	2012 -2015
	Lecteur, Université de Médecine et de Pharmacie "Victor Babeș" Timișoara, Département II Morphologie Microscopique, Département d'histologie et de cytologie, Centre de recherche sur l'angiogenèse Timișoara
Période	2006-2012
	Professeur Assistant, Université de Médecine et de Pharmacie "Victor Babeș" Timișoara, Département II Morphologie Microscopique, Département d'histologie et de cytologie, Centre de recherche sur l'angiogenèse Timișoara
Période	2010- present
	Spécialiste en anatomie pathologique
Période	2004-2010
	Médecin résident en anatomie pathologique
Période	2004-2008
	Etudiant au Doctorat en Médecine, Université de Médecine et de Pharmacie "Victor Babeș" Timișoara, Département II Morphologie Microscopique, Département d'histologie et de cytologie
Période	2003-2006
	Tuteur universitaire, Université de Médecine et de Pharmacie "Victor Babeș" Timișoara, Département II Morphologie Microscopique, Département d'histologie et de cytologie
Période	2000-2001
	Stagiaire, Hôpital Clinique Municipal, Timișoara
Principales activités et responsabilités	Activités d'enseignement et de recherche - angiogenèse tumorale
Nom et adresse de l'employeur	Université de Médecine et de Pharmacie "Victor Babeș" de Timișoara, 'Piața Eftimie Murgu nr.2, 300041, Timișoara, Romania. Département II Morphologie Microscopique, Département d'histologie et de cytologie, Centre de recherche sur l'angiogenèse, Timișoara
Type d'activité ou secteur d'activité	Éducation et recherche

Éducation et formation professionnelle

Période
Diplôme obtenu
Principaux domaines d'études /
compétences acquises

2025 - soutenance de la thèse d'habilitation "Mastocyte: de l'identification histochimique au syndrome d'activation" OM 6987 (22.12.2025)
28.11.2008- soutenance de thèse de doctorat intitulée "Implications des mastocytes dans la néoplasie : étude clinique et expérimentale", coordinateur scientifique Prof. Univ. Dr. Marius Raica; doctorat en sciences médicales, OMECTS/13.01.2009 /OM 3030 (13.01.2009)
2009- Cours de troisième cycle sur "Pathologie des tumeurs du pancréas" Université de Médecine et de Pharmacie Târgu Mureș
2007- Cours de troisième cycle "Bases moléculaires et cellulaires de l'angiogenèse et de la lymphangiogenèse dans des conditions normales et tumorales", Université de Médecine et de Pharmacie "Victor Babeș", Timișoara
2007- Cours de troisième cycle sur la "Pathologie du thymus" Université de Médecine et de Pharmacie "Victor Babeș", Timișoara
1999- Université de Médecine et de Pharmacie "Victor Babeș", Timișoara, diplôme de doctorat
1990- Lycée de Santé de Timișoara, diplôme de baccalauréat

Nom et type de l'établissement
d'enseignement/organisme de
formation

Université de Médecine et de Pharmacie "Victor Babeș", Timișoara
Université de Médecine et de Pharmacie Târgu Mureș

Niveau de classification de la forme
d'enseignement/de formation

Docteur en sciences médicales

Compétences et aptitudes personnelles

Langue maternelle

roumain

Langue(s) étrangère(s)
connue(s)

Français, Anglais

Auto-évaluation

Français
Anglais

Compréhension		Parlant		Écrire
Obéissance	En lisant	Rejoignez la conversation	Discours oral	Expression écrite
A3	A3	A3	A3	A3
A2	A2	A2	A2	A2

(*) [Common European Framework of Reference for Languages](#)

Compétences et
aptitudes sociales

Organisation de la conférence
 Organisateur - membre du comité d'organisation :
 "Celula endotelială și angiogeneza tumorală" Conferință, Timișoara, Aprilie 19-21, 2007
 "Angiogenesis: present and future" Conference, Timișoara, Martie 26-28, 2009
 Al X-lea Congres Național de Morfologie Microscopică cu Participare Internațională, Timișoara, 24-26 mai, 2012
 Working on Chicken Chorioallantoic Membrane (CAM) - a practical approach for young researchers, Classic and Modern in Angiogenesis and Lymphangiogenesis Workshop, 22-26 May, 2012, Timișoara, România

Compétences et
aptitudes informatiques

Traitement primaire, immunohistochimie, histochimie, microscopie électronique ; utilisation d'un ordinateur (Word, Excel, PowerPoint, Publisher)

A. Projets de recherche

CNCSIS 1202/2004 - Fenotipizarea și dinamica morfologică a componentelor din organul dentar în contact cu materiale biointegrabile. Director de proiect: Vasile Liliana Eleonora, 2004-2006, membru în colectivul de cercetare,

Contract PN II IDEI 1147/ 2009/ Planul Național de Cercetare Dezvoltare Inovare II- Programul Proiecte Idei/ CNCSIS- Caracterizarea moleculară a cancerului mamar și identificarea de noi ținte terapeutice. Director de proiect: Anca Maria Cîmpean, 2009-2011, membru în colectivul de cercetare.

PN II/ Parteneriate, Cod 41-054/ CNMP/- Valoarea prognostică și terapeutică a limfangiogenezei tumorale. Studiu anatomo - clinic și experimental al tumorilor maligne solide. Director de proiect: Profesor Marius Raica, 2007-2010, membru în colectivul de cercetare.

CNCSIS 759/2006 - Efectul degranulantelor și inhibitorilor degranulării mastocitare asupra angiogenezei tumorale. Director de proiect Ovidiu Mederle, 2006-2008, membru în colectivul de cercetare.

Proiect Ceex 190/2006 - Monitorizarea endoscopică, histologică, imunohistochimică și imunologică a leziunilor premaligne gastrice și caracterizarea etapelor invaziei oncogene în cancerul gastric, Director de proiect: Laurentiu Mogoanta, UMF Craiova, Responsabil științific PI Profesor Marius Raica, UMFVB, membru în colectivul de cercetare.

Proiect PN II/ Parteneriate, Cod 41-054/ CNMP/- Valoarea prognostică și terapeutică a limfangiogenezei tumorale. Studiu anatomo- clinic și experimental al tumorilor maligne solide. Director de proiect: Prof. Raica Marius, membru în colectivul de cercetare.

IDEI 345/2011 – Lymphangiogenesis in molecular subtype of breast cancer: a prerequisite for targeted therapy of lymph node metastasis, Director de proiect: Profesor Marius Raica, membru în colectivul de cercetare.

UEFISCDI, Tinere echipe 109/2011, Angiogenesis and lymphangiogenesis as molecular therapeutic targets in human pterygium and its recurrences, Director de proiect: Conf. Anca Maria Cîmpean, membru în colectivul de cercetare.

UEFISCDI, Idei, 345/2011, Lymphangiogenesis in molecular subtypes of breast cancer: a prerequisite for targeted therapy of lymph node metastasis, Director de proiect: Profesor Raica Marius, membru în colectivul de cercetare.

Grant 684/2013 UEFISCDI- Cooperare Bilaterală România-Moldova, Ministerul Educației și Cercetării, Implementarea și rafinarea diagnosticului molecular al cancerului mamar în practica oncologică, Director de proiect Prof.Univ. Dr. Raica Marius, membru în colectivul de cercetare.

HEADMOLNECK, P III-C1-PCFI/2014-2015, Valoarea prognostică și terapeutică țintită a profilului molecular al leziunilor precanceroase și a carcinoamelor scuamocelulare ale capului și gâtului Director proiect: Cîmpean Anca Maria, responsabil proiect.

DUROTOM, P IV-CI-PDCC-01/2015-2016, Microlaborator pentru procesarea biopsiilor de țesuturi nedeminerizate și a preparatelor complexe os-metal-țesuturi moi din implantologia orală. Director proiect: Stratul Ștefan Ioan, responsabil proiect

PIII-C4-PCFI/ 2016/2017-04. Aspecte fundamentale inovative privind identificarea de ținte profilactice și curative la nivelul cavității orale și testarea in vivo și in vitro a unui spectru adaptat de extracte naturale acronim MUCODENTOSAN. Director proiect: Ramona amina Popovici, responsabil proiect

PN-III-P2-2.1-BG-2016-0455, Formulări de avangardă pe bază de eugenol nanocapsulat cu adresabilitate în medicina dentară (NANOEUCAPS). Director proiect:Laura Cristina Rusu, responsabil proiect

B. Article publié dans une large mesure dans la revue de la circulation internationale reconnue

1. **Pușa Gaje**, Viorica Bocan, Anca Maria Cîmpean, D.A. Izvernariu, Felicia Streian, M. Raica: Simultaneous demonstration of mast cells and blood vessel by the combined method CD 34-alcian blue- safranin in lip tumors; J Morphol and Embriology, vol 48, Nr. 3, 2007. FI:0

2. Liliana Vasile, Roxana Oancea, **Pușa Gaje**, Răzvan Simulescu, Viorica Bocan, Raluca Ceaușu: Cytological Aspects in the Hyperglucidic Stress – Study of the Mesenchymal Stem Cells, Dental Pulp Cells and on Oral Samples from Diabetic Patients; Virchows Arch, 452 Suppl 1, S1- S287, 2008. **FI: 2.082**

3. Atena Galuscanu, Liliana Vasile, Elena Lazar, Razvan Simulescu, **Pușa Gaje**, Adina Valeanu. Value of The citodiagnosis as a screening method for the periodontal disease, Virchows Arch, 452, Suppl 1, S1- S287, Barcelona, 2008. **FI: 2.082**

4. RA Ceaușu, B. Bălinișteanu, A.M. Cîmpean, **P.N. Gaje**, C. Capatina, M. Gheorghiu, V. Ciubotaru, M. Coculescu, M. Raica, Reticular fibers network partially discriminates between normal hypophysis and pituitary adenomas, Acta Endocrinologica (Buc) 2010, 6(3): 335-341, **FI: 0,052**

5. Cîmpean AM, Șeclăman E, Ceaușu R, **Gaje P**, Feflea S, Anghel A, Raica M, Ribatti D, VEGF-A/HGF induce Prox-1 expression in the chick embryo chorioallantoic membrane lymphatic vasculature, Clin Exp Med, 2010, 10(3): 169-172, **FI:1.6**

6. Tirziu R, Mazilu O, Iliescu D, Sima L, Hut F, Blidisel A, Nicolau M, **Gaje P**, Ragobete C, Cretu O. Gallstone Ileus due to a jejunal gallstone intussusception - report of a case. Eur. J. Med. Res. 2010, 15(1): 231-231, **FI 1.092**

7. Cîmpean AM, Ceaușu R, Encică S, **Gaje PN**, Ribatti D, Raica M, Platelet-derived growth factor and platelet-derived growth factor receptor- α expression in the normal human thymus and thymoma, *Int J Exp Pathol*. 2011, 92(5): 340-344, **FI: 2.566**
8. Dușe AO, Ceaușu RA, Mezei T, Cîmpean AM, **Gaje P**, Ioniță H, Jung I, Mast cells contribute to the angiogenesis in non-Hodgkin lymphoma. An immunohistochemical study based on the relationship with microvessel density, *Rom J Morphol Embryol*. 2011; 52(3 Suppl): 1091-1096, **FI:0.523**
9. Ceaușu RA, Cîmpean AM, **Gaje P**, Gurzu S, Jung I, Raica M, CD105+Ki67 double immunostaining expression in liver metastasis from colon carcinoma, *Rom J Morphol Embryol*, 2011, 52(2):613-61, **FI:0.523**
10. Feflea S, Cimpean AM, Ceausu RA, **Gaje P**, Raica M, Effects of antibodies to EG-VEGF on angiogenesis in the chick embryo chorioallantoic membrane, *InVivo*. 2012, 26(5): 793-797, **FI: 1.219**
11. Bălu S, Pirtea L, **Gaje P**, Cîmpean AM, Raica M, The immunohistochemical expression of endocrine gland-derived-VEGF (EG-VEGF) as a prognostic marker in ovarian cancer, *Rom J Morphol Embryol* 2012, 53(3):479-483, **FI: 0.620**
12. Dușe AO, Ceaușu RA, Mezei T, Cîmpean AM, **Gaje P**, Ioniță H, Jung I, Raica M, The characterization of PDGFR-alpha and PDGFR-beta expression in malignant non-Hodgkin lymphoma, *Rom J Morphol Embryol*. 2012, 53(3 Suppl):749-753, **FI: 0.620**
13. Dușe AO, Ceaușu RA, Cîmpean AM, Ioniță H, Raica M, **Gaje P**, Heterogeneity of malignant non-Hodgkin lymphoma-associated blood vessels, *Rom J Morphol Embryol*, 2012, 53(4): 985-988, **FI: 0.620**
14. Birau A, Ceausu RA, Cimpean AM, **Gaje P**, Raica M, Olariu T. Assessment of angiogenesis reveals blood vessel heterogeneity in lung carcinoma, *Oncol Lett*, 2012, 4(6): 1183-1186, **FI: 0.237**
15. Ceausu RA, Cimpean AM, Dimova I, Hlushchuk R, Djonov V, **Gaje PN**, Raica M. Everolimus dual effects of an area vasculosa angiogenesis and lymphangiogenesis, *In Vivo* 2013, 27(1):61-66, **FI: 1.148**
16. Raica M, Cimpean AM, Ceausu R, Ribatti D, **Gaje P**. Interplay between mast cells and lymphatic vessels in different molecular types of breast cancer, *Anticancer Res*. 2013, 33(3): 957-963, **FI: 1.872**
17. Stoia Djeska I, Ceausu RA, **Gaje PN**, Cimpean AM, Mederle O, Nicodin A, Raica M, The reticular network contributes to the staging of idiopathic lung fibrosis, *Archive of Biological Sciences*, 2013, 65(4): 1599-1604, **FI: 0.607**
18. Duse AO, Ceausu RA, Mezei T, Cimpean AM, **Gaje P**, Ionita H, Jung I, Raica M. Expression and possible significance of vascular endothelial growth factor in non-Hodgkin lymphoma, *Archives of Biological Sciences*. 2013, 65(2): 475-487, **FI: 0.607**
19. Globa T, Saptefrati L, CeausuRA, **Gaje P**, Cimpean AM, Raica M. Mast cell phenotype in benign and malignant tumors of the prostate *Pol J Pathol* 2014; 66 (2): 147-153 **FI: 1.128**
20. Balica NC, Balica AR, **Gaje PN**, Doros C, Poenaru M. Microvessel and mast cell density in malignant laryngeal neoplasm. *Arch. Biol. Sci. Belgrade*. 2014; 66 (3): 1163-1169, **FI: 0.718**
21. Melnic E, Cimpean AM, **Gaje PN**, Raica M. Influence of hormone profile on vascular endothelial growth factor (VEGF A) expression in human pituitary adenomas. *Anticancer Res*.2014, 34(10): 5867-5867 **IF: 1,6**
22. Ceausu RA, Balica NC, Cimpean, AM, **Gaje PN**, Stefanescu H, Poenaru M, Doros C, Raica M. EGFR+/D2-40+/E-CADHERIN plus: a potential phenotype for aggressiveness in head and neck squamous carcinoma. *Anticancer Res*.2014, 34(10):5857-5857, **FI 1.826**
23. Popovici RA, Ceausu RA, Cimpean AM, Talpos S, Raica M, **Gaje PN**. Mast cells as key players in periodontal disease. *Arch. Biol. Sci., Belgrade* 2014, 66 (2): 801-809, **FI: 0.718**
24. **Gaje PN**, Stoia-Djeska I, Cimpean AM, Ceausu RA, Tudorache V, Raica M. Lymphangiogenesis as a prerequisite in the pathogenesis of lung fibrosis *In Vivo*. 2014, 28(3):367-373 **FI: 0.974**
25. Raica M, Cimpean AM, Popovici RA, Balica AR, Vladau M, **Gaje PN**. Mast Cells Stimulate Lymphangiogenesis in the Gingiva of Patients with Periodontal Disease. *In Vivo*. 2015 01-02;29(1):29-34. **FI: 0.832**
26. Raluca BA, Cimpean AM, Cioca A, Cretu O, Mederle O, Ciolofan A, **Gaje P**, Raica M, Endothelial Cell Proliferation and Vascular Endothelial Growth Factor Expression in Primary Colorectal Cancer and Corresponding Liver Metastases, *Asian Pac J Cancer Prev*. 2015;16(11):4549-53, **IF: 0**
27. **Pusa Nela Gaje**, Raluca Amalia Ceausu, Adriana Jitariu, Stefan Ioan Stratul, Laura-Cristina Rusu, Ramona Amina Popovici, Marius Raica - Mast Cells: Key Players in the Shadow in Oral Inflammation and in Squamous Cell Carcinoma of the Oral Cavity - *BioMed Research International*, Volume 2016 (2016), Article ID 9235080, <http://dx.doi.org/10.1155/2016/9235080> **IF: 2.476**
28. Cimpean AM, Balica RA, Doros IC, Balica NC, **Gaje PN**, Popovici RA, Raica M. Epidermal Growth Factor Receptor (EGFR) and Keratin 5(K5): Versatile Keyplayers Defining Prognostic and Therapeutic subclasses of Head and Neck Squamous Cell Carcinomas. *CANCER GENOMICS & PROTEOMICS*, 2016, 13(1):75-81, **IF: 1.892.**

29. Roi CI, **Gaje PN**, Ceaușu RA, Popovici RA, Raica M. Immunohistochemical Analysis of S100-Positive Langerhans Cells in the Healthy Gingiva and Periodontal Disease. *Rev. Chim.* 2018; 69(1):233-235. ISI, **FI: 1.605**
30. Rusu D, Boariu M, Stratul ȘI, Bojin F, Paunescu V, Calniceanu H, Surlin P, Roman A, Milicescu Ș, Caruntu C, Didilescu A, **Gaje NP**, Calenic B. Interaction between a 3D collagen matrix used for periodontal soft tissue regeneration and T-lymphocytes: An *in vitro* pilot study. *Exp Ther Med.* 2019 Feb;17(2):990-996. doi: 10.3892/etm.2018.6979. **FI: 1.785**
31. Carpenco E, Ceaușu RA, Cimpean AM, **Gaje PN**, Șaptefrați L, Fulga V, David V, Raica M Mast Cells as an Indicator and Prognostic Marker in Molecular Subtypes of Breast Cancer. *In Vivo.* 2019, 33(3): 743-748. doi: 10.21873/invivo.11534, **FI: 1.541**
32. Roi CI, Ianes E, **Gaje PN**, Nica DF, Roi A, Roi A. The Predictability of Difficultness of Lower Third Molar Odontectomy. *REV. CHIM. (Bucharest)*, 2019, 70(4): 1342- 1345. **FI: 1,755**
33. Rumel CA, Rusu LC, **Gaje PN**, Popovici RA, Raica M. The Epidemiological Trend of Oral Carcinoma in Eastern Europe. *Revista de Chimie (Rev. Chim.)*, 2019, 70(8): 2917-2922, doi.org/10.37358/RC.19.8.7456. **FI: 1,755**
34. Prodea MC, Sandru F, Carpenco E. **Gaje PN**, Horhat ID, Ceausu AR, Mederle N, Mederle, OA A Rare Sweat Gland Tumour- Immunohistochemical Features. *Revista de Chimie (Rev. Chim.)* 2019, 70 (5): 1863-1865. **FI: 1,755**
35. Dumitru CS, Ceausu AR, **Gaje NP**, Suci CS, Raica M. Proliferating Lymphatic Endothelial Cells as a Prognostic Marker in Head and Neck Squamous Cell Carcinoma. *Int J Mol Sci.* 2022;23(17):9793. **FI: 4, 9**
36. Cosoroabă RM, **Gaje NP**, Ceaușu AR, Dumitru CȘ, Todor L, Popovici RA, Porumb A, Domocoș D, Miron MI. The mast cell reaction in premalignant and malignant lesions of the head and neck. *Rom J Morphol Embryol.* 2022; 63(2):407-411. doi: 10.47162/RJME.63.2.11.PMID: 3637414 **FI: 1**
37. Roi C, **Gaje PN**, Ceaușu EA Roi A Rusu LC, Boia ER, Boia S, Luca RE, Riviș M. Heterogeneity of Blood Vessels and Assessment of Microvessel Density-MVD in Gingivitis, *J Clin Med* 2022; 11(10):2758, doi: 10.3390/jcm11102758. **FI: 3,9**
38. Floroni E, Ceaușu AR, **Gaje NP**, Suci SC, Cosoroabă RM, Porumb A, Popovici RA, Raica M. The molecular profile of breast cancer: primary tumor versus corresponding lymph node metastases. *Rom J Morphol Embryol.* 2022 Apr-Jun;63(2):421-429. doi: 10.47162/RJME.63.2.13.PMID: 36374147 **FI: 1**
39. Floroni E, Ceaușu AR, **Gaje NP**, Suci SC, Cosoroabă RM, Porumb A, Popovici RA, Raica M. The molecular profile of breast cancer: primary tumor versus corresponding lymph node metastases. *Rom J Morphol Embryol.* 2022 Apr-Jun;63(2):421-429. doi: 10.47162/RJME.63.2.13.PMID: 36374147 **FI: 1**
40. Roi C, Negruțiu ML, Roi A, Riviș M, Luca RE, Raica M, Ceaușu RA, Motofelea AC, **Gaje PN**. Human Periapical Odontogenic Granulomas: Aspects of Microvessel Density (MVD), Heterogeneity of Blood Vessels and Mast Cells Density (MCD). *Biomedicines.* 2023;11(10): 2709. doi:10.3390/biomedicines11102709. PMID: 37893083 **FI: 3,9**
41. Ceausu AR, Ciolofan A, Blidisel A, Cosma AA, **Gaje PN**, Cretu O. Chloride Intracellular Channel Protein 1 Expression and Angiogenic Profile of Liver Metastasis of Digestive Origin. *Curr Issues Mol Biol.* 2023; 45(2):1396-1406. **FI: 2,8**
42. Boia ER, Boia S, Ceausu RA, **Gaje PN**, Maaroufi SM, Sandru F, Raica M. The Follicular Dendritic Cells and HPV 18 Interrelation in Head and Neck Squamous Cell Carcinomas of the Larynx. *Medicina (Kaunas).* 2023; 59(6):1072. doi: 10.3390/medicina59061072. **FI: 2,4**
43. Adelmann TG, Ceaușu AR, **Gaje NP**, Raica M. Endothelial cell proliferation and vascular patterns in urothelial carcinoma. *Rom J Morphol Embryol.* 2024 Jan-Mar;65(1):61-67. doi: 10.47162/RJME.65.1.08.PMID: 38527985 **FI: 1,2**
44. Alda S, Ceausu RA, **Gaje PN**, Raica M, Cosoroaba RM. Mast Cell: A Mysterious Character in Skin Cancer. *In Vivo.* 2024 Jan-Feb;38(1):58-68. doi: 10.21873/invivo.13410.PMID: 3814806 **FI: 1,8**
45. Părău AF, Ceaușu AR, **Gaje NP**, Olariu S, Raica M. The particularities of connective fibers from the wall of varicose veins extirpated by cryostripping. *Rom J Morphol Embryol.* 2024 Apr-Jun;65(2):273-278. doi: 10.47162/RJME.65.2.14.PMID: 39020542 **FI: 1,2**
46. Cosoroaba R, Ceausu RA, **Gaje NP**, Vasca EM, Dumitru CS, Olariu I, Popovici RA, Raica M. High Intraepithelial Mast Cell Density in Warthin's Tumor, *InVivo.* 2024, 38(3): 1104-1111, **FI: 1,8**,
47. Roi C, Riviș M, Roi A, Raica M, Ceaușu RA, Motofelea AC, **Gaje PN**. CD34 and Ki-67 Immunoexpression in Periapical Granulomas: Implications for Angiogenesis and Cellular Proliferation. *Diagnostics (Basel).* 2024 Oct 31;14(21):2446. doi: 10.3390/diagnostics14212446.PMID: 39518412 **FI:3**
48. Latcu SC, Bardan R, Cumpanas AA, Barbos V, Baderca F, **Gaje PN**, Ceausu RA, Comsa S, Dumitru CS, Dumache R, Cut TG, Lazureanu VE, Petrica L. Immunotherapy Applications for Thymine Dimers and WT1 Antigen in Renal Cancers: A Comparative Statistical Analysis. *J Pers Med.* 2024 May 23;14(6):557. doi: 10.3390/jpm14060557.PMID: 38929778 **FI:3**
49. Latcu SC, Cumpanas AA, Barbos V, Buciu VB, Raica M, Baderca F, **Gaje PN**, Ceausu RA, Dumitru CS, Novacescu D, Cut TG, Petrica L. Clinical Tools for Optimizing Therapeutic Decision-Making in Prostate Cancer: A Five-Year Retrospective Analysis. *Life (Basel).* 2024 Jun 30;14(7):838. doi: 10.3390/life14070838.PMID: 39063592 **FI:3,2**
50. Vornic I, Buciu V, Furau CG, **Gaje PN**, Ceausu RA, Dumitru CS, Barb AC, Novacescu D, Cumpanas AA, Latcu SC, Cut TG, Zara F. Oxidative Stress and Placental Pathogenesis: A Contemporary Overview of Potential Biomarkers and Emerging Therapeutics. *Int J Mol Sci.* 2024 ;25(22): 12195. doi: 10.3390/ijms252212195.PMID: 39596261 **FI:5,5**
51. Parau AF, Ceausu AR, **Gaje PN**, Raica M, Sorin O, Could cryosurgery harvested veins be used as grafts? An immunohistochemical analysis of the morphology and viability of venous samples obtained by cryostripping, *ACTA PHLEBOLOGICA* 2024, 25(3):34-142, **FI: 0.4**

52. Jitian Mihulecea, Cristina Raluca; Ceaușu, Amalia Raluca; **Gaje, Nela Pușa**; Rotaru, Maria; Raica, Marius. Fluorescence in situ hybridization in melanoma diagnosis: Pros and cons, **Exp Ther Med** 2025; 29(6): 118 IF 2025: 2,4 doi: 10.3892/etm.2025.12868.

53. Novăcescu, Dorin; Dumitru, Cristina Ștefania; Zara, Flavia; Raica, Marius; Suci, Cristian Silviu; Barb, Alina Cristina; Rakitovan, Marina; Armega Anghelescu, Antonia; Cindrea, Alexandru Cristian; Szekely, Diana; **Gaje, Pușa Nela**. The Morphogenesis, Pathogenesis, and Molecular Regulation of Human Tooth Development—A Histological Review, **Int J Mol Sci** 2025; 26(13): 6209, IF 2025: 4,92.