



CURRICULUM VITAE

Personal details:

Name, Surname: Simona, Gurzu

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Department: ME1

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Areas of interest (maximum 5 domains):

Anatomic pathology

Colorectal cancer

Molecular pathology

Translațional medicine

Targeted therapy in oncology

Research activity:

1. Research projects (maximum 3 projects)

- 2022-2023 - INEXT - PNRR project for digital development of the professions of the future – Foundation of the Digital Center of Medical Morphological Sciences
- 2018-2022 – Proiect Complex de Cercetare de Frontieră – Romanian National Authority for Scientific research - PN-III-P4-ID-PCCF-2016-0006. GRAPHSENGASTROINTEST/Graphene-based stochastic sensors for molecular diagnosis of upper gastro-intestinal cancer
- 2012-2013 - Unesco-L’Oreal: Initiation of targeted therapy in Romanian patients diagnosed with colorectal cancer. National fellowship



2. Articles published in extenso (maximum 5 articles)

1. **Gurzu S**, Szodorai R, Jung I, Baniás L. Combined hepatocellular-cholangiocarcinoma: from genesis to molecular pathways and therapeutic strategies. *Journal of Cancer Research and Clinical Oncology* 2024; 150:270. DOI: 10.1007/s00432-024-05781-8. Springer. Impact factor 2.7 (2023).
2. Opris CE, Suciú H, Flamand S, Opris CI, Al Hussein H, **Gurzu S**. Update on the genetic profile of mitral valve development and prolapse. *Pathology Research Practice* (Q2 web of science/UEFISCDI – IF) 2024; 262:155535; doi:10.1016/j.prp.2024.155535. Elsevier. Impact factor 2.9 (2023).
3. Szodorai R, Baniás L, Kovalszky I, Dezso K, Kovacs Z, **Gurzu S**. Gastric-type expression signature in hepatocellular carcinoma. *International Journal of Molecular Sciences* (Q1 web of science/UEFISCDI – IF) 2024; 25(12):6588; <https://doi.org/10.3390/ijms25126588>. eISSN 1422-0067. Impact factor 4.9 (2023). Influence score 2.103 (2021). JCI 0.71 (2023). AIS-UEFISCDI - article 1.064 (2022). <https://pubmed.ncbi.nlm.nih.gov/38928294/>
4. Natsume H, Szczepaniak K, Yamada H, Iwashita Y, Gedek M, Suto J, Ishino K, Kasajima R, Matsuda T, Manirakiza F, Nzitakera A, Wu Y, Xiao N, He Q, Guo W, Cai Z, Ohta T, Szekely T, Kadar Z, Sekiyama A, Oshima T, Yoshikawa T, Tsuburaya A, Kurono N, Wang Y, Miyagi Y, **Gurzu S**, Sugimura H. Non-CpG sites preference in G:C>A:T transition of TP53 in gastric cancer of Eastern Europe (Poland, Romania and Hungary) compared to East Asian countries (China and Japan). *Genes and Environment* 2023; 45:1. Impact factor 2.7 (2023). <https://doi.org/10.1186/s41021-022-00257-y>. BMC journals. Corresponding author.
5. **Gurzu S**, Tivadar B, Jung I. Inflammatory myofibroblastic tumor of the colon. *Journal of Clinical Oncology* 2013; 31(10):e155-158. DOI:10.1200/JCO.2012.42.8961. WOS: 000317003300004. Impact factor 17.879 (2013). <https://pubmed.ncbi.nlm.nih.gov/23358988/>

