

A N E X A 4 . 1

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Gradul didactic: CS2

Instituția unde este titular: UBB Cluj-Napoca

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Departamentul: STAR-UBB

L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

Titlul: TUMORILE OVARIENE – CORELAȚII ANATOMO-CLINICE,

Autor: Dr. Rareș Potcoavă BUIGA,

Conducător: Prof. Dr. Corneliu D. Olinici,

Anul: 2007,

Instituația organizatoare: UMF „Iuliu Hatieganu” CLUJ-NAPOCA.

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. Buiga R.: **“Titu Vasiliu”**, in *Universitatea din Cluj în perioada interbelică* – Volumul II, POP Ioan Aurel, SIMON Simion, BOLOVAN Ioan, Editura Presa Universitară Clujeană (2020)
2. Buiga R.: **“Rubin Popa”**, in *Universitatea din Cluj în perioada interbelică* – Volumul II, POP Ioan Aurel, SIMON Simion, BOLOVAN Ioan, Editura Presa Universitară Clujeană (2020)
3. Buiga R.: **editor of the Romanian edition of “Rubin’s Pathology: Mechanisms of Human Disease”, 8th edition, Wolters Kluwer, contributions for Chapters 17 and 32** (“Rubin Patologie: Mecanisme ale Bolilor Umane”. Ediția: 8. Autori: David Strayer, Jeffrey Saffitz, Emanuel Rubin; Coordonatorii Ed. limba română: Maria Sajin, Elena Cojocaru, Mariana Costache, Doinița Crișan, Delia Gabriela Ciobanu Apostol, Alis Dema, Simona Gurzu, Alex Emilian Stepan, Cristiana Eugenia Simionescu, Simona Stolnicu. ISBN: 9786069517888. Editura: Hipocrate. Anul publicării: 2023. Pagini: 1700).

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani**Drept autor principal:**

1. Boca S., Gulei D., Zimta A.A., Onaciu A., Magdo L., Țigu A.B., Ionescu C., Irimie A., Buiga R., Berindan-Neagoe I.
Nanoscale delivery systems for microRNAs in cancer therapy. *Cell Mol Life Sci.* 2020 Mar;77(6):1059-1086. doi:10.1007/s00018-019-03317-9. Epub 2019 Oct 21. PMID: 31637450. (2020). Impact Factor: 9.261. Citations: 72.
2. Nistor-Ciurba C.C., Buiga R., Popița C., Eniu D.T., Pușcaș M.E., Ignat F.L.
A malignant phyllodes tumor with liposarcomatous differentiation: case with 3-year follow-up. *Rom J Morphol Embryol.* 2019;60(3):979-983. PMID: 31912112. (2019). IF: 1.411. Citations: 1.
3. Braicu C., Buiga R., Cojocneanu R., Buse M., Răduley L., Pop L.A., Chira S., Budisan L., Jurj A., Ciocan C., Magdo L., Irimie A., Dobrota F., Petruț B., Berindan-Neagoe I.
Connecting the dots between different networks: miRNAs associated with bladder cancer risk and progression. *J Exp Clin Cancer Res.* 2019 Oct 29;38(1):433. doi:10.1186/s13046-019-1406-6. PMID: 31665050; PMCID: PMC6819535. (2019). IF: 7.068. Citations: 36.
4. Zanoagă O., Braicu C., Jurj A., Rusu A., Buiga R., Berindan-Neagoe I.
Progress in Research on the Role of Flavonoids in Lung Cancer. *Int J Mol Sci.* 2019 Sep 2;20(17):4291. doi:10.3390/ijms20174291. PMID: 31480720; PMCID: PMC6747533. (2019). IF: 4.556. Citations: 64.
5. Ciurte A., Selicean C., Soritau O., Buiga R.
Automatic detection of circulating tumor cells in darkfield microscopic images of unstained blood using boosting techniques. *PLoS One.* 2018 Dec 13;13(12):e0208385. doi:10.1371/journal.pone.0208385. PMID: 30543666; PMCID: PMC6292606. (2018). IF: 2.776. Citations: 14.
6. Bonci E.A., Buiga R., Badan M., Iuliana Maja L., Gata V.A., Lisencu I.C., Irimie A., Achimaș-Cadariu P., Piciu D.
Follicle-stimulating hormone receptors: A comparison of commercially-available monoclonal and polyclonal antibodies as immunohistochemical markers for cancer research. *J BUON.* 2018 Nov-Dec;23(6):1912-1921. PMID: 30610821. (2018). IF: 1.379. Citations: 3.
7. Braicu O.L., Budisan L., Buiga R., Jurj A., Achimaș-Cadariu P., Pop L.A., Braicu C., Irimie A., Berindan-Neagoe I.
miRNA expression profiling in formalin-fixed paraffin-embedded endometriosis and ovarian cancer samples. *Onco Targets Ther.* 2017 Aug 28;10:4225-4238. doi:10.2147/OTT.S137107. PMID: 28894379; PMCID:PMC5584916. (2017). IF: 2.656. Citations: 54.
8. Stolnicu S., Moncea D., Dema A., Geambasu S., Moldovan C., Comanescu M., Voidazan S., Georgescu R., Alvarado-Cabrero I., Resetkova E., Buiga R.
Androgen Receptor (AR) Expression in Invasive Male Breast Carcinoma (MBC): An International Multi-Institutional Review of 168 Cases Emphasizing the Potential Use of AR as a Therapeutic Target. *Appl Immunohistochem Mol Morphol.* 2017 Feb;25(2):e18-e20. doi:10.1097/PAI.0000000000000376. PMID: 28177976. (2017). IF: 2.042. Citations: 8.

Drept co-autor:

1. Fekete Z., Tertan B.O., Răduľ L., Eniu D.T., Buiga R., Galatâr M., Berindan-Neagoe I. Prevalence of MMTV-like sequences in breast cancer samples in Romanian patients - there is a geographic difference compared to the Western world. *Infect Agent Cancer*. 2023 Jun 20;18(1):39. doi:10.1186/s13027-023-00486-y. PMID:37340312; PMCID: PMC10283304. (2023).
2. Carpov D., Buigă R., Nagy V.M. DNA damage response and potential biomarkers of radiosensitivity in head and neck cancers: clinical implications. *Rom J Morphol Embryol*. 2023 Jan-Mar;64(1):5-13. doi:10.47162/RJME.64.1.01. PMID: 37128786; PMCID: PMC10257787. (2023).
3. Aghiorghiesei O., Zanoagă O., Răduľ L., Aghiorghiesei A.I., Chiroi P., Trif A., Buiga R., Budisan L., Lucaciu O., Pop L.A., Braicu C., Campian R., Berindan-Neagoe I. Dysregulation of miR-21-5p, miR-93-5p, miR-200c-3p and miR-205-5p in Oral Squamous Cell Carcinoma: A Potential Biomarkers Panel? *Curr Issues Mol Biol*. 2022 Apr 16;44(4):1754-1767. doi: 10.3390/cimb44040121. PMID:35723379; PMCID:PMC9164081. (2022).
4. Moldovan T.R., Căinap C., Fekete Z., Pușcaș E., Roman A., Buiga R., Olteanu D., Bota M., Căinap S., Bochiș O. Signet ring cell gastric carcinoma with breast and leptomeningeal metastases: a case report. *Med Pharm Rep*. 2022 Jan;95(1):88-91. doi: 10.15386/mpr-1654. Epub 2022 Jan 31. PMID: 35720245; PMCID: PMC9177095. (2022).
5. Graur F., Puia A., Mois E., Pop P., Berar M., Elisei R., Zaharie F., Nechita V., Rusu I., Buiga R., Puia C., Al Hajjar N. Analysis of the MLH1, MLH2, MLH6, PMS2 genes and their correlations with clinical data in rectal mucinous adenocarcinoma. *Ann Ital Chir*. 2022;93:188-194. PMID: 34807001. (2022).
6. Sur D., Bălăcescu L., Căinap S.S., Vișan S., Pop L., Burz C., Havasi A., Buiga R., Căinap C., Irimie A., Bălăcescu O. Predictive efficacy of miR-125b-5p, miR-17-5p, and miR-185-5p in liver metastasis and chemotherapy response among advanced stage colorectal cancer patients. *Front Oncol*. 2021 May 18;11:651380. doi:10.3389/fonc.2021.651380. PMID: 34084747; PMCID: PMC8167052. (2021).
7. Cenariu D., Zimta A.A., Munteanu R., Onaciu A., Moldovan C.S., Jurj A., Răduľ L., Moldovan A., Florea A., Budisan L., Pop L.A., Magdo L., Albu M.T., Tonea R.B., Mureșan M.S., Ionescu C., Petruț B., Buiga R., Irimie A., Gulei D., Berindan-Neagoe I. Hsa-miR-125b therapeutic role in colon cancer is dependent on the mutation status of the TP53 gene. *Pharmaceutics*. 2021 May 6;13(5):664. doi:10.3390/pharmaceutics13050664. PMID: 34066331; PMCID: PMC8148199. (2021).
8. Alexandru Gata V., Milan Kubelac P., Buiga R., Vlad I.C., Valean D., Muntean M.V., Morariu D.S., Bonci E.A., Irimie A., Dina C., Achimaș Cadariu P.A. The value of tumor infiltrating lymphocytes as prognostic factor for lymph node status and survival amongst patients with cutaneous malignant melanoma. *J BUON*. 2020 Nov-Dec;25(6):2700-2707. PMID: 33455116. (2020).

D.

E. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

- Reviste

1. -

- Selecție cu maximum 20 lucrări în volume de conferințe

1. Rareș Buiga, Olga Soritau, Otilia Barbos, Gabriela Chereches, Ioana Berindan-Neagoe, “Celulele tumorale circulante și conceptul de biopsie lichidă în tratamentul și urmărirea pacientului oncologic», Sesiunea Stiintifica Anuala a Institutului Victor Babes și al 8-lea Simpozion National de Patologie “*Medicina de precizie: de la modele experimentale la biomarkeri*”, 19-21 noiembrie 2015, București; publicat în volum de rezumate la Editura Universitara Carol Davila, ISBN:978-973-708-862-8 (2015)

2. Anca Ciurte; Tiberiu Marita; Rares Buiga. Circulating Tumor Cells Classification and Characterization in Dark Field Microscopic Images of Unstained Blood, Sep 2015 in 13TH IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTER COMMUNICATION AND PROCESSING (ICCP), DOI: 10.1109/ICCP.2015.7312686 (2015)

3. Florina ROMANCIUC, Dan ENIU, Adelina STAICU, Claudiu RACHIERU, Rares BUIGA, Carmen SOCACIU. HPLC/MS-based Metabolic Profiling and Quantification of Urine Free Amino Acids as Potential Biomarkers for Breast Cancer Diagnosis and Progression, Oct 2015 in Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Animal Science and Biotechnologies DOI: 10.15835/BUASVMCN-ASB:11588 (2015)

4. Gabriela Chereches, Otilia Barbos, R. Buiga, O. Balacescu, Dana Iancu, N. Todor, Loredana Balacescu, N. Miron, Simona Ilcu-Slaniceanu, T.E. Ciuleanu „A multivariate analysis of some biomarkers as prognostic factors in metastatic colorectal cancers”, Journal of Radiotherapy and Medical Oncology. Abstract Book; Vol 22, 2016: pag 26, ISSN 1844-0770 București, 03-05 noiembrie 2016 (2016)

5. Simona Stolnicu, Denisa Moncea, Alis Dema, Rares Buiga, Cosmin Moldovan, Rares Georgescu, Cornelia Toganel, Septimiu Voidazan, Erika Resetkova, Maria Comanescu, Isabel Alvarado-Cabrero. Analysis of Clinical-Pathological Data with Impact on Overall Survival (OS) in Male Breast Carcinoma: An International Multi-Institutional Study of 220 Cases, In LABORATORY INVESTIGATION (Vol. 96, pp. 74A-74A). 75 VARICK ST, 9TH FLR, NEW YORK, NY 10013-1917 USA: NATURE PUBLISHING GROUP. Published: Feb 2016 (2016)

6. Braicu, OL; Budisan, L; Buiga, R; Braicu, C ; Achimas-Cadariu, P and Gulei, D; Irimie, A; Berindan-Neagoe, I; miRNA profiling in endometriosis and its related malignancies, Published: Oct 2016 in International Journal of Gynecological Cancer. Vol. 26, pp. 130-130). TWO COMMERCE SQ, 2001 MARKET ST, PHILADELPHIA, PA 19103 USA: LIPPINCOTT WILLIAMS & WILKINS. (2016)

7. Boros, Monica and Resetkova, Erika and Molnar, Calin and Podoleanu, Cristian and Dema, Alis and Olinca, Maria and Alvarado-Cabrero, Isabel and Buiga, Rares and Stolnicu, Simona Analysis of clinical-pathological data with impact on overall survival (OS) in male breast carcinoma (MBC): an international multi-Institutional study of 217 cases, Published: Sep 2019 in Virchows Archiv (2019)



8. Pop, V., Andrada Seicean, O. Soritau, Rareș Buiga, Maria Barsan, L. Balacescu, and Claudia Burz. "Interleukin-6 correlated with neutrophil-to-lymphocyte ratio in pancreatic cancer.", *Annals of Oncology* 30 (2019): iv15-iv16. (2019)

E. Brevete obținute în întreaga activitate

1. Nu

Data:

10.09.2025

Semnătura: