

Curriculum Vitae		
Personal information		
Name / Surname	Lajos-Zsolt Raduly	
Addresse	nr. 28/24 Edgar Quinet Street 400684 Cluj-Napoca (Romania)	
Mobil	+40 749243102	
E-mail	radulyl.lajos78@gmail.com	
Date of birth	24 Ianuarie 1978	
Work Experience		
Date	15.10.2014 – present	
Position	Biologist	
Activities and Responsibilities	Cell culture studies, qRT-PCR, Comparative Genomic Studies, Microscopy	
Employer	Research Center for Functional Genomics, Biomedicine and Translational Medicine, University of Medicine and Pharmacy Iuliu Hațieganu Cluj-Napoca	
Sector	Research	
Date	01.04.2013 – 14.10.2014	
Position	Volunteer Biologist	
Activities and Responsibilities	Cell culture studies, qRT-PCR, Comparative Genomic Studies, Microscopy	
Employer	Research Center for Functional Genomics, Biomedicine and Translational Medicine, University of Medicine and Pharmacy Iuliu Hațieganu Cluj-Napoca	
Sector	Research	
Education and training		
Date	October 2013 – Present	
	Phd student - Veterinary medicine	
Skills acquired	Cell Culture Technologies, Molecular Therapy in Cancer, Biostatistics, Science Project Management	
Organisation	University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Calea Mănăştur nr. 3-5	
Date	September 1998 – June 2002	
Degree	Bachelor degree in Biology	
Skills acquired	Cellular Biology, Molecular Biology, Biochemistry, Physiology, Histoembriology, Biomathematics, Biostatistics, Anatomy, Botany, Micology, Zoology etc.	
Organisation	University of Babes-Bolyai, Faculty of Biology and Geology Str. Clinicilor nr. 5-7, Cluj-Napoca	
Date	November 1992 - June 1996	
Degree	High School	

Organization	College of Szekely Miko Kollegium Sfântu Gheorghe, Biochemistry Class				
Personal Skills					
Languages	Understanding		Speaking		Writing
Autoevaluare	Listening	Reading	Spoken intercation	Spoken production	
English	C1	C1	C1	B1	C1
French	B1	B1	B1	B1	B1
Communication Skills	Good communication skills, Teamwork, Seriousness, Capacity to assimilate of new information.				
Job-related skills	Cell culture studies, Microscopy, Comparative Genomic Studies, PCR, rtPCR, PCR array, high throughput rtPCR pe ViiA7 (IVD), cuantification of nucleic acids with Agilent Bioanalyzer, Nanodrop and Qubit, Data analisys				
Computer skills	Good command of Microsoft Office.				
Additional Information					
Projects:	<p>PN-III-P1-1.1-TE-2016-2213 Targeting breast cancer resistance mechanism with combinatorial drug therapy using small molecules and siRNA, in post genomic era</p> <p>PN-II-PT-PCCA-2013-4-2166 Noi strategii pentru îmbunătățirea calității vieții și supraviețuirea pacienților cu cancer: studii moleculare și clinice a genomului tumoral utilizând apa sărăcită în deuteriu</p> <p>PN-II-PT-PCCA-2013-4-1959 Non-Invasive Intelligent Systems for Colorectal Cancer Diagnosis and Prognosis Based on Circulating miRNA Integrated in the Clinical Workflow</p> <p>PN-II-RU-TE-2014-4-1464 Targeting the TGFβ pathway: an alternative for breast cancer therapy</p> <p>PN-II-RU-TE-2014-4-2951Balancing VEGFR2 signaling components levels rescues vascular abnormalities in Human Hereditary Teleangiectasia Type 2 mouse model</p> <p>PN-III-P4-ID-PCE-2016-0795 Addressing the complex exposome profile in hormone-dependent cancers of the breast and prostate and its influence on tumoral genome</p> <p>POC 35/2016, perioada de derulare 2016-2020, cu titlul "Impactul clinic și economic al terapiilor personalizate țintite cu anti - microARNuri în reconvertirea rezistenței tumorilor maligne pulmonare-CANTEMIR"</p> <p>Contract 29PFE/18.10.2018, perioada de derulare 2018-2020 cu titlul „Creșterea performanțelor cercetării științifice și a transferului tehnologic în medicina translațională prin formarea unei noi generații de tineri cercetători”ECHITAS</p>				
Publications:	<p>Braicu C, Gulei D, Cojocneanu R, Raduly L, Jurj A, Knutsen E, Calin GA, Berindan-Neagoe I. miR-181a/b therapy in lung cancer: reality or myth? Mol Oncol. 2019 Jan;13(1):9-25. doi: 10.1002/1878-0261.12420. Epub 2019 Jan 3. Review. PubMed PMID: 30548184; PubMed Central PMCID: PMC6322195.</p> <p>Gulei D, Raduly L, Berindan-Neagoe I, Calin GA. CRISPR-based RNA editing: diagnostic applications and therapeutic options. Expert Rev Mol Diagn. 2019 Feb;19(2):83-88. doi: 10.1080/14737159.2019.1568242. Epub 2019 Jan 21. PubMed PMID: 30632384.</p> <p>Raduly, Lajos; Cojocneanu-Petric, Roxana; Sarpataki, Orsolya; Chira, Sergiu; Atanasov, Atanas G.; Braicu, Cornelia; Berindan-Neagoe, Ioana; Marcus, Ioan. Canis lupus familiaris as relevant animal model for breast cancer - a comparative oncology review. Animal Science Papers & Reports . 2018, Vol. 36 Issue 2, p119-148. 30p</p> <p>Obasi TC, Braicu C, Iacob BC, Bodoki E, Jurj A, Raduly L, Oniga I, Berindan-Neagoe I, Oprean R. Securidaca-saponins are natural inhibitors of AKT, MCL-1, and BCL2L1 in cervical cancer cells. Cancer Manag Res. 2018 Nov 15;10:5709-5724. doi: 10.2147/CMAR.S163328. eCollection 2018. Erratum in: Cancer Manag Res. 2019 Jan 15;11:691. PubMed PMID: 30532593; PubMed Central PMCID: PMC6245348.</p> <p>Lajos R, Braicu C, Jurj A, Chira S, Cojocneanu-Petric R, Pileczki V, Berindan-Neagoe I. A miRNAs profile evolution of triple negative breast cancer cells in the presence of a possible adjuvant therapy and senescence inducer. J BUON. 2018 May-Jun;23(3):692-705. PubMed PMID: 30003739.</p> <p>Gulei D, Magdo L, Jurj A, Raduly L, Cojocneanu-Petric R, Moldovan A, Moldovan C, Florea A, Pasca S, Pop LA, Moisoiu V, Budisan L, Pop-Bica C, Ciocan C, Buiga R, Muresan MS, Stiufiuc R, Ionescu C,</p>				

	<p>Berindan-Neagoe I. The silent healer: miR-205-5p up-regulation inhibits epithelial to mesenchymal transition in colon cancer cells by indirectly up-regulating E-cadherin expression. <i>Cell Death Dis.</i> 2018 Jan 19;9(2):66. doi: 10.1038/s41419-017-0102-8. PubMed PMID: 29352232; PubMed Central PMCID: PMC5833765.</p> <p>Qian L, Dima D, Berce C, Liu Y, Rus I, Raduly LZ, Liu Y, Petrushev B, Berindan-Neagoe I, Irimie A, Tanase A, Jurj A, Shen J, Tomuleasa C. Protein dysregulation in graft versus host disease. <i>Oncotarget.</i> 2017 Dec 15;9(1):1483-1491. doi: 10.18632/oncotarget.23276. eCollection 2018 Jan 2. Review. PubMed PMID: 29416707; PubMed Central PMCID: PMC5787452.</p> <p>Zanoaga O, Jurj A, Raduly L, Cojocneanu-Petric R, Fuentes-Mattei E, Wu O, Braicu C, Gherman CD, Berindan-Neagoe I. Implications of dietary ω-3 and ω-6 polyunsaturated fatty acids in breast cancer. <i>Exp Ther Med.</i> 2018 Feb;15(2):1167-1176. doi: 10.3892/etm.2017.5515. Epub 2017 Nov 16. PubMed PMID:29434704; PubMed Central PMCID: PMC5776638.</p> <p>Bica-Pop C, Cojocneanu-Petric R, Magdo L, Raduly L, Gulei D, Berindan-Neagoe I. Overview upon miR-21 in lung cancer: focus on NSCLC. <i>Cell Mol Life Sci.</i> 2018 Oct;75(19):3539-3551. doi: 10.1007/s00018-018-2877-x. Epub 2018 Jul 20. Review. PubMed PMID: 30030592.</p> <p>Chira S, Raduly L, Braicu C, Jurj A, Cojocneanu-Petric R, Pop L, Pileczki V, Ionescu C, Berindan-Neagoe I. Premature senescence activation in DLD-1 colorectal cancer cells through adjuvant therapy to induce a miRNA profile modulating cellular death. <i>Exp Ther Med.</i> 2018 Aug;16(2):1241-1249. doi: 10.3892/etm.2018.6324. Epub 2018 Jun 19. PubMed PMID: 30116375; PubMed Central PMCID: PMC6090263.</p> <p>Petric RC, Pop LA, Jurj A, Raduly L, Dumitrascu D, Dragos N, Neagoe IB. Next generation sequencing applications for breast cancer research. <i>Clujul Med.</i> 2015;88(3):278-87. doi: 10.15386/cjmed-486. Epub 2015 Jul 1. Review. PubMed PMID: 26609257; PubMed Central PMCID: PMC4632883.</p> <p>Roxana Cojocneanu Petric, Cornelia Braicu, Lajos Raduly, Oana Zanoaga, Nicolae Dragos, Paloma Monroig Dan Dumitrascu, Ioana Berindan Neagoe, 2015. Phytochemicals modulate carcinogenic signaling pathways in breast and hormone related cancers. <i>Onco Targets Ther.</i> 8: 2053—2066.</p> <p>Chira S, Jackson CS, Oprea I, Ozturk F, Pepper MS, Diaconu I, Braicu C, Raduly LZ, Calin GA, Berindan-Neagoe I. Progresses towards safe and efficient gene therapy vectors. <i>Oncotarget.</i> 2015 Oct 13;6(31):30675-703. doi: 10.18632/oncotarget.5169. Review. PubMed PMID: 26362400; PubMed Central PMCID: PMC4741561.</p> <p>Braicu C, Selicean S, Cojocneanu-Petric R, Lajos R, Balacescu O, Taranu I, Marin DE, Motiu M, Jurj A, Achimas-Cadariu P, Berindan-Neagoe I. Evaluation of cellular and molecular impact of zearalenone and Escherichia coli co-exposure on IPEC-1 cells using microarray technology. <i>BMC Genomics.</i> 2016 Aug 9;17:576. doi:10.1186/s12864-016-2830-z. PubMed PMID: 27506675; PubMed Central PMCID:PMC4977621.</p> <p>Baritchii A, Jurj A, Soritau O, Tomuleasa C, Raduly L, Zanoaga O, Cernea D, Braicu C, Neagoe I, Stefan Florian I. Sensitizer drugs for the treatment of temozolomide-resistant glioblastoma. <i>J BUON.</i> 2016 Jan-Mar;21(1):199-207. PubMed PMID: 27061549.</p>
<p>Scientific meetings / congresses / symposia:</p>	<p>Zilele YOCCN - IOCCN, organizată în Cluj-Napoca, în perioada 5-7 iulie 2018</p> <p>HUMANUM- Information, communication and digital humanities – the 23rd french-romanian conference on information and communication sciences – 2018</p> <p>Insights in Hematology, organizată în Cluj-Napoca, în perioada 9-10 Martie 2018</p> <p>Insights in Hematology, organizată în Cluj-Napoca, în perioada 10-11 Martie 2017</p> <p>Conferinței Naționale a Societății Române de Fiziopatologie, desfășurate la Cluj-Napoca în perioada 7-9 septembrie 2017 – Poster presentation: Comparative miRNAs expression analysis in human and canine breast cancer</p> <p>Insights in Hematology, organizată în Cluj-Napoca, în perioada 11-12 Martie 2016</p> <p>EACR 24th Biennial congress of the European Association for Cancer Research – Manchester - UK Poster presentation “Dysregulations of circulating microRNAs are possible biomarkers for colorectal cancer”- 2016.</p> <p>Analize spectrale cantitative ale nanomaterialelor in intercatie cu materiale biologice. Microscopul hipersepectral in camp intunecat, patentat CytoViva- IGP-Octavian Fodor, Cluj-Napoca, 22-23 Martie 2016</p> <p>Tehnici FISH aplicate in patologia oncologica – IOCCN Cluj-Napoca – 24-28 August 2015</p> <p>EMBO EMBL Symposium: Seeing is Believing - Imaging the Processes of Life, Heidelberg, Germany Poster presentation „Caffeic acid phenethyl ester activates pro-apoptotic and epithelial-mesenchymal transition related genes in ovarian cancer A2780 and A2780cis cell lines” - 2015</p> <p>WIN 2015 SYMPOSIUM, Paris - poster presentation “Oxaliplatin and 5-fluorouracil multitarget therapy influences gene expression of inflammatory cytokines and receptors in Colo-320 cell line”</p> <p>ROCAM Workshop, USAMV 2014</p> <p>European Biotechnology Days, USAMV Cluj-Napoca 2014</p>

