# Curriculum Vitae Europass

## Personal information


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| First name(s) / Surname(s) | **Zănoagă Mihaela Oana** |
| Address(es) | Strada Gheorghe Marinescu, Nr.23, Cluj-Napoca, Romania |
| Mobile | 0760407071 |
| E-mail | oana_artenie@yahoo.com |
| Date of birth | 20.12.1980 |


## Work experience

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| Dates | April 2016-present |
| Occupation or position held | **Biologist** |
| Main activities and responsibilities | Cell cultures, Flux Cytometry, NGS, DNA recombinant, Microaaray |
| Name and address of employer | Research Center for Functional Genomic, Biomedicine and Translational Medicine, , University of Medicine and Pharmacy Cluj Napoca |
| Business sector | research |

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|---|---|
| Dates | 15.10.2014 – present |
| Occupation or position held | **technician** |
| Main activities and responsibilities | Cell cultures, Flux Cytometry, NGS, DNA recombinant |
| Name and address of employer | Research Center for Functional Genomic, Biomedicine and Translational Medicine, , University of Medicine and Pharmacy Cluj Napoca |
| Business sector | research |

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|---|---|
| Dates | 30.04.2014-29.09.2014 |
| Occupation or position held | **internship** |
| Main activities and responsibilities | Cell cultures, Cytotoxicity tests, Viability test, Cells isolation |

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| Name and address of employer | The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca |
| Business sector | research |

## Education and training

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| Dates | 2007-2010 |
| Title of qualification awarded | PhD Biology |
| Principal subjects/occupational skills covered | Molecular biology |
| Name and type of organisation providing education and training | Alexandru Ioan Cuza University, Faculty of Biology, Iasi. |

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|---|---|
| Dates | 2004-2006 |
| Title of qualification awarded | Master degree Molecular genetics |
| Principal subjects/occupational skills covered | Biochemistry, Microbiology, Cell biology and Molecular genetics |
| Name and type of organisation providing education and training | Alexandru Ioan Cuza University, Faculty of Biology, Iasi |

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|---|---|
| Dates | 2000-2004 |
| Title of qualification awarded | Bachelor degree |
| Name and type of organisation providing education and training | Alexandru Ioan Cuza University, Faculty of Biology, Iasi. |

Mother tongue(s): Romanian

Other language(s

| | Listening | | Reading | | Spoken interaction | | Spoken production |
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| English | C1 | C1 | C1 | C1 | C1 | | |
| French | C1 | C1 | B1 | B1 | B1 | | |

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| Social skills and competences | Communication skills, teamwork, reliability, capacity to assimilate new information |
| Technical skills and competences | Next Generation Sequencing, flow cytometry, cell culture, PCR, RT-PCR, PCR array, high throughput RT-PCR on ViiA7 (IVD), quantification of nucleic acids using Agilent Bioanalyzer platform, NanoDrop |

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| | and qubit, evaluating migration and cell proliferation using xCELLigence system, data analysis |
| Computer skills and competences | Proficiency in the use of MS Windows programs as well as programs for laboratory equipment. |

## Additional information

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| Participation in scientific meetings / congresses / symposia | April 28, 2015 - Scientific seminar "NGS and Bioinformatics to find the unknown", Cluj-Napoca<br>May 5, 2015 – Simposyum "The role and approach of biobanks in research studies - the future of medicine precision", Cluj-Napoca<br>May 26, 2015 - Pro Analysis Systems Seminar, Cluj-Napoca<br>June 29-30, 2015 - WIN 2015 Symposium, Paris – „Gold nanoparticles conjugated with Rituximab lower the chemoresistance of chronic lymphocytic leukemia", poster presentation. |
| Publications: | 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. Onco Targets Ther. 8: 2053—2066.<br>Alexandra Iulia Irimie, Cornelia Braicu, **Oana Zanoaga**, Valentina Pileczki, Claudia Gherman, Ioana Berindan-Neagoe, Radu Septimiu Campian, 2015. Epigallocathechin-3-gallate suppresses cell proliferation and promotes apoptosis and autophagy in oral cancer SSC-4 cells, Onco Targets Ther. 8:461-70.<br>Iulia Irimie A1, Braicu C, **Zanoaga O**, Pileczki V, Soritau O, Berindan-Neagoe I, Septimiu Campian R. Inhibition of tumor necrosis factor alpha using RNA interference in oral squamous cell carcinoma. J BUON. 2015 Jul-Aug;20(4):1107-14.<br>Gherman C, Braicu O, **Zanoaga O,** Jurj A, Pileczki V, Maralani M, Drigla F, Braicu C, Budisan L, Achimas-Cadariu P,Berindan-Neagoe I. Caffeic acid phenethyl ester activates pro-apoptotic and epithelial-mesenchymal transition-related genes in ovarian cancer cells A2780 and A2780cis. Mol Cell Biochem. 2016 Feb;413(1-2):189-98. doi: 10.1007/s11010-015-2652-3. Epub 2016 Feb 2.<br>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. J BUON. 2016 Jan-Feb;21(1):199-207.<br>Budisan L, Gulei D, **Zanoaga OM**, Irimie AI, Sergiu C, Braicu C, Gherman CD7, Berindan-Neagoe. Dietary Intervention by Phytochemicals and Their Role in Modulating Coding and Non-Coding Genes in Cancer. Int J Mol Sci. 2017 Jun 1;18(6). pii: E1178. doi: 10.3390/ijms18061178.<br>**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. Exp Ther Med. 2018 Feb;15(2):1167-1176. doi: 10.3892/etm.2017.5515. Epub 2017 Nov 16.<br>Liviuta Budisan , Diana Gulei , Ancuta Jurj , Cornelia Braicu , **Oana Zanoaga** , Roxana Cojocneanu , Laura Pop , Lajos Raduly , Alexandru Barbat , Alin Moldovan , Cristian Moldovan , Adrian Bogdan Tigu , Calin Ionescu , Atanas G. Atanasov , Alexandru Irimie ,Ioana Berindan-Neagoe.Inhibitory Effect of CAPE and Kaempferol in Colon Cancer Cell Lines—Possible Implications in New Therapeutic Strategiesnt. J. Mol. Sci. 2019, 20(5), 1199; https://doi.org/10.3390/ijms20051199 |
| Specializations and qualifications | November 10 – 12 2014 - internship regarding the use of NGS suported by Ion Torrent platform, UMC Radboud, Nijmegen, Netherlands. |
| National / international projects | " BRCA1 and BRCA2 mutation in Romanian population: a study of genotype - phenotype correlation at diagnosis with prospective disease outcome and survival" |