

Curriculum vitae
Europass



Personal information

Name/Surname **Suciu Maria**
E-mail maria.suciu5@gmail.com

Work/Professional
experience

Dates	2019-present
Occupation or position held	Lecturer
Dates	2015-2019
Occupation or position held	Teaching assistant
Main activities and responsibilities	Cell Biology (lectures and laboratories) General Cytology (laboratories) Electron Microscopy (laboratories)
Name and address of employer	Molecular Biology and Biotechnology Department Biology and Geology Faculty, 5-7 Clinicilor, Cluj-Napoca, Cluj County Babes-Bolyai University Cluj-Napoca
Activity type/Sector	Teaching
Dates	2017-present
Occupation or position held	Research scientist (grade 3 - CS3)
Dates	2015-2017
Occupation or position held	Research scientist
Main activities and responsibilities	Electron microscopy analyses Cell Cultures and Microbiology Laboratory Supervisor
Name and address of employer	Electron Microscopy Integrated Laboratory (LIME) Advanced Technologies for Alternative Energies Research Center (CETATEA) National Institute for R&D of Isotopic and Molecular Technologies (INCDTIM), 67-103 Donath, Cluj-Napoca, Cluj County
Activity type/Sector	Research
Dates	2018-present
Occupation or position held	Postdoctoral researcher in grant: Interinstitutional program for the development of advanced eco-nanotechnology solutions for multifunctional treatments of leather and textile materials - PHYSforTeL (PN-III-P1-1.2-PCCDI-2017-0743) - https://www.itim-cj.ro/pncdi/physfortel/index_en.html
Main activities and responsibilities	Cytotoxicity/biocompatibility analyses on bacteria and cell cultures SEM-EDS analyses
Name and address of employer	National Institute for R&D of Isotopic and Molecular Technologies (INCDTIM), 67-103 Donath, Cluj-Napoca, Cluj County
Activity type/Sector	Research
Dates	2015-2017
Occupation or position held	Postdoctoral researcher in grant: Characterization of the sub-cellular effects of functionalised magnetic nanoparticles in targeted anti-tumor therapy CELLSPION (PN-II-RU-TE-2014-225/01.10.2015)- https://poravpaul.wixsite.com/cellspion
Main activities and responsibilities	Imunohistochemistry and Electron Microscopy analyses Cell cultures <i>In vivo</i> analyses

Name and address of employer	Babes-Bolyai University Cluj-Napoca, 5-7 Clinicilor, Cluj-Napoca, Cluj County
Activity type/Sector	Research
Dates	2015-2017
Occupation or position held	Postdoctoral researcher in grant: An epitoxicogenomic approach to cadmium hepatotoxicity: a gastropod model EPICAD (PN-II-RU-TE-2014-4-0776)
Main activities and responsibilities	Imunofluorescence analyses
Name and address of employer	Victor Babeş University of Medicine and Pharmacy, 2 Eftimie Murgu, Timisoara, Timis County
Activity type/Sector	Research
Dates	2012-2015
Occupation or position held	Research assistant in grant: Thymocytes and thymus stromal cells populations dynamics modeling and simulation in normal and pathology conditions (PN-II-ID-PCE-2011-3-0571) - http://simtim.umft.ro/
Main activities and responsibilities	Imunohistochemistry and Confocal analyses Electron Microscopy analyses Cell Cultures Flow cytometry <i>in vivo</i> studies
Name and address of employer	Victor Babeş University of Medicine and Pharmacy, 2 Eftimie Murgu, Timisoara, Timis County
Activity type/Sector	Research

Education and training	
Dates	2018-present
Title of qualification awarded	Master in Quality Management for Medical Analyses Laboratories
Name and type of organisation providing education and training	Biology and Geology Faculty, 5-7 Clinicilor, Cluj-Napoca, Cluj County Babes-Bolyai University Cluj-Napoca
International Standard Classification of Education	Master's or equivalent level (ISCED 2011 - level 7)
Dates	2015- 2017
Title of qualification awarded	Postuniversity studies in Teaching and Didactic Studies (module II)
Name and type of organisation providing education and training	Teaching Personnel Preparation Department Psychology and Educational Sciences Faculty, 7 Sindicatelor, Cluj-Napoca, Cluj County Babes-Bolyai University Cluj-Napoca
International Standard Classification of Education	Master's or equivalent level (ISCED 2011 - level 7)
Dates	2014-2015
Title of qualification awarded	Postdoctoral fellow in grant: „Doctoral and Post-Doctoral Excelency Programmes for Highly Qualified Human Resources in Life, Environment and Earth Sciences” POSDRU/159/1.5/S/133391 Thesis Title: „Comparative study of blood-brain barrier in the white and gray matter of the central nervous system.”
Name and type of organisation providing education and training	Life Sciences, Engineering and Computer Science Faculty, 86 Liviu Rebreanu, Arad, Arad County Western University „Vasile Goldis” of Arad

International Standard Classification of Education	PhD and postdoctoral programs (ISCED 2011 - level 8)
Dates	2010-2013
Title of qualification awarded	PhD in Biology in grant: „Doctoral and Post-Doctoral Excelency Programmes for Highly Qualified Human Resources in Life, Environment and Earth Sciences” POSDRU/159/1.5/S/133391 Thesis title: „Hepatoprotective effects of some spontaneous flora species of Arad County”
Name and type of organisation providing education and training	Life Sciences, Engineering and Computer Science Faculty, 86 Liviu Rebreanu, Arad, Arad County Western University „Vasile Goldis” of Arad
International Standard Classification of Education	PhD and postdoctoral programs (ISCED 2011 - level 8)
Dates	2010-2012
Title of qualification awarded	Master in Biology (Molecular Biotechnologies) Disertation title: „Antibacterial activity of some spontaneous flora species of Arad County”
Name and type of organisation providing education and training	Biology and Geology Faculty, 5-7 Clinicilor, Cluj-Napoca, Cluj County Babes-Bolyai University Cluj-Napoca
International Standard Classification of Education	Master's or equivalent level (ISCED level 7)
Dates	2007-2010
Title of qualification awarded	Bachelor degree in Biology Bachelor thesis title: „Biochemical and Microbiological Characterisation of <i>Salinivibrio costicola</i> from Transilvania salty lakes associated with gas”
Name and type of organisation providing education and training	Biology and Geology Faculty, 5-7 Clinicilor, Cluj-Napoca, Cluj County Babes-Bolyai University Cluj-Napoca
International Standard Classification of Education	Bachelor's or equivalent level (ISCED 2011 - level 6)
Dates	2007-2009
Title of qualification awarded	Postuniversity studies in Teaching and Didactic Studies (module I)
Name and type of organisation providing education and training	Teaching Personnel Preparation Department Psychology and Educational Sciences Faculty, 7 Sindicatelor, Cluj-Napoca, Cluj County Babes-Bolyai University Cluj-Napoca
International Standard Classification of Education	Master's or equivalent level (ISCED 2011 - level 7)
Dates	2003-2007
Title of qualification awarded	Highschool graduate degree (Baccalaureate degree)
Name and type of organisation providing education and training	National College “Moise Nicoară”, 1 General Dragalina Blvd., Arad, Arad County Mathematics-Physics-English Specialization
International Standard Classification of Education	Upper secondary education (ISCED 2011 - level 3)

Mobilities/Workshops/Research trainings	<p>Teaching Mobility ERASMUS+, at Stip University 19-25/02 2018, Stip, Macedonia</p> <p>Basic course cryosectioning and Immuno-gold labeling of thawed frozen sections (Tokuyasu technique), Utrecht, 4-7/01 2018, The Netherlands.</p> <p>EMBOOrdeaux: Advanced electron microscopy for cell biology, Bordeaux, 9-18/06 , 2015, France</p> <p>Postdoctoral research stage: Biological Research Center Szeged, Hungarian Academy of Sciences, Biophysics Department, Neurobiology Unit, prof. Istvan Krizbai' group, Szeged, 7/02 – 7/06, 2015, Hungary.</p> <p>Winterschool 2013, Practical course in advanced microscopy, Zurich, 20-25/01, 2013, Switzerland</p> <p>PhD research stage: Leeds University, The Astbury Centre for Structural Molecular Biology prof. John Trinick's group, Leeds, 21/06 – 28/08, 2012, United Kingdom</p> <p>EMBO CLEM Course: Correlative Light Electron Microscopy (CLEM), Bristol, 15-20/06 2012, United Kingdom</p>																														
<p>Personal skills and competences</p> <p>Mother tongue(s)</p> <p>Other language(s)</p> <p>European Level (*)</p> <p>English</p>	<p>Romanian</p> <p>English</p> <table border="1" data-bbox="459 698 1279 875"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Spoken Language</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Interaction</th> <th colspan="2">Understanding</th> <th colspan="2">Reading</th> </tr> </thead> <tbody> <tr> <td>C2</td> <td>6</td> <td>C1</td> <td>5</td> <td>C1</td> <td>5</td> <td>C1</td> <td>5,5</td> <td>C1</td> <td>5</td> </tr> </tbody> </table> <p>(*)Common European Framework of Reference for Languages</p>	Understanding				Spoken Language				Writing		Listening		Reading		Interaction		Understanding		Reading		C2	6	C1	5	C1	5	C1	5,5	C1	5
Understanding				Spoken Language				Writing																							
Listening		Reading		Interaction		Understanding		Reading																							
C2	6	C1	5	C1	5	C1	5,5	C1	5																						
<p>Technical skills and competences</p>	<p>Immunohistochemistry, Confocal, TEM, SEM, EDS, Cell Cultures, Microbiology</p> <p>Basic Molecular Biology techniques (PCR, electrophoresis, Western-Blot)</p> <p>Free practice permit in medical biology (awarded by the Biology, Biochemistry and Chemistry workers in the Romanian Sanitary Sistem - OBBCSSR)</p>																														
<p>Grants</p>	<p>As member</p> <ol style="list-style-type: none"> 1. Interinstitutional program for the development of advanced eco-nanotechnology solutions for multifunctional treatments of leather and textile materials - PHYSforTeL (PN-III-P1-1.2-PCCDI-2017-0743) - https://www.itim-cj.ro/pncdi/physfortel/index_en.html 2. Characterization of the sub-cellular effects of functionalised magnetic nanoparticles in targeted anti-tumor therapy CELLSPION (PN-II-RU-TE-2014-225/01.10.2015)- https://poravpaul.wixsite.com/cellspion 3. An epitoxicogenomic approach to cadmium hepatotoxicity: a gastropod model EPICAD (PN-II-RU-TE-2014-4-0776) 4. Thymocytes and thymus stromal cells populations dynamics modeling and simulation in normal and pathology conditions (PN-II-ID-PCE-2011-3-0571) - http://simtim.umft.ro/ 5. Doctoral and Post-Doctoral Excelency Programmes for Highly Qualified Human Resources in Life, Environment and Earth Sciences, POSDRU/159/1.5/S/133391 																														
<p>Articles</p>	<ol style="list-style-type: none"> 1. Rugina D, Ghiman R., Focsan M., Tabaran F., Copaciu F., Suci M., Pintea A., A, tilean S. 2019. Resveratrol-delivery vehicle with anti-VEGF activity carried to human retinal pigmented epithelial cells exposed to high-glucose induced conditions, Colloids and Surfaces B: Biointerfaces (2019), 2. Tertis M, Leva PI, Bogdan D, Suci M, Graur F, Cristea C, 2019, Impedimetric aptasensor for the label-free and selective detection of Interleukin-6 for colorectal cancer screening, Biosensors and Bioelectronics, in press. 3. Adumitrăchioaie A, Tertiş M, Suci M, Graur F, Cristea C, 2019, A novel immunosensing platform for serotonin detection in complex real samples based on graphene oxide and chitosan, Electrochimica Acta 211:50-61. 4. Paşcalău V, Pall E, Tertis M, Suci M, Cristea C, Borodi G, Bodoki A, Topală T, Stiuful R, Moldovan A, Pavel C, Marinca T, Popa C, 2019, In vitro study of BSA gel/polyelectrolyte complexes core shell microcapsules encapsulating doxorubicin for antitumoral targeted treatment, International Journal of Polymeric Materials and Polymeric Biomaterials 68(1-3):60-72. 5. Cernat A, Györfi SzJ, Irimes MB, Tertiş M, Bodoki A, Pralea IE, Suci M, Cristea C, 2019, Click chemistry on azide-functionalized graphene oxide, Electrochemistry Communications 98:23-27. 6. Rada S, Zagrai M, Rada M, Magerusan L, Popa A, Suci R, Macavei S, Suci M, 2018, Structure, electrochemical characterization and the role of copper oxide in lead-lead dioxide glasses and vitroceramics. 																														

Journal of Non-Crystalline Solids, 491:55-63.

7. Rápó E, Szép R, Keresztesi Á, Suciú M, Tonk S, 2018, Adsorptive Removal of Cationic and Anionic Dyes from Aqueous Solutions by Using Eggshell Household Waste as Biosorbent. *Acta Chimica Slovenica*, 65(3): 709–717.
8. Iordănescu A, Tertis M, Cernat A, Suciú M, Săndulescu R, Cristea C, 2018, Poly-(pyrrole-3-carboxylic acid) Based Nanostructured Platform for the Detection of Carcinoembryonic Antigen. *Electroanalysis*, 30(6):1100-1106.
9. Cernat A, Tertis M, Gandouzi I, Bakhrouf A, Suciú M, Cristea C, 2018, Electrochemical sensor for the rapid detection of *Pseudomonas aeruginosa* siderophore based on a nanocomposite platform. *Electrochemistry Communications*, 88:5-9.
10. Petran A, Radu T, Borodi G, Nan A, Suciú M, Turcu R, 2018, Effects of rare earth doping on multi-core iron oxide nanoparticles properties. *Applied Surface Science*, 428:492-499.
11. Suciú M, Mic AF, Barbu-Tudoran L, Muntean V, Gruia AT, 2017, Effects of *Lycopodium clavatum* and *Equisetum arvense* Extracts from Western Romania. *Romanian Biotechnological Letters*, 22(5):13005
12. Petran A, Radu T, Nan A, Olteanu D, Filip A, Clichici S, Baldea I, Suciú M, Turcu R, 2017, Synthesis, characterization, and cytotoxicity evaluation of high-magnetization multifunctional nanoclusters. *Journal of Nanoparticle Research*, 19(1): DOI: 10.1007/s11051-016-3685-6
13. Tertiş M, , Cernata A, , Lacatiş D, Florea A, Bogdan D, Suciú M, Săndulescu R, Cristea C, 2017, Highly selective electrochemical detection of serotonin on polypyrrole and gold nanoparticles-based 3D architecture. *Electrochemistry Communications* 75:43–47.
14. Suciú RC, Rada M, Culea E, Biriş AI, Rada S, Leostean C, Suciú M, Marian I, Wu ZH, Jing Z, 2017, The status of molybdenum ions in the lead dioxide-lead glasses and vitroceraamics. *J. Non-Cryst. Solids*, 453:36–41.
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16. Tertiş M, Ciui B, Suciú M, Săndulescu R, Cristea C, 2017, Label-free electrochemical aptasensor based on gold and polypyrrole nanoparticles for interleukin 6 detection. *Electrochimica Acta*, 258:1208-1218.
17. Tonk S, Majdik C, Szep R, Suciú M, Rapo E, Nagy B, Niculae AG, 2017, Biosorption of Cd (II) Ions from Aqueous Solution Onto Eggshell Waste Kinetic and equilibrium isotherm studies, *Revista de Chimie*, 68(9):1951-1958.
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22. Suciú M, Gruia AT, Nica DV, Azghadi SMR, Mic AA, Mic AF, 2016, Acetaminophen-induced liver injury: Implications for temporal homeostasis of lipid metabolism and eicosanoid signaling pathway. *Chemico-Biological Interactions* 242: 335e344.
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Other:

26. Macavei SG, Suciú M, Crăciunescu I, Barbu-Tudoran L, Tripon SC, 2017, SPION size dependent effects on normal and cancer cells, *Studia Universitatis Babes-Bolyai Biologia*, LXII(1):29-42.
27. Macavei SG, Suciú M, Craciunescu I, Barbu-Tudoran L, Tripon SC, Balan R, 2016, Hyperthermia effects on normal and tumor skin cells, *Annals of R.S.C.B.*, XXI(1):11 – 21
28. Suciú M, Gruia AT, Nica DV, Azghadi SMR, Mic AA, Mic AF, 2016, Data on expression of lipoxigenases-5 and-12 in the normal and acetaminophen-damaged liver, *Data in Brief*, 7: 1199–1203.
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- pancreas porosome and the neuronal porosome, *Journal of Biological Physics and Chemistry* 15:15–18.
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 31. Suciu M, Gruia AT, Mic AF, Barbu-Tudoran L, Ardelean A, 2013, Gentiana asclepiadea Ethanolic Extract Hepatotoxicity, *Annals of RSCB*, XVIII(1):255-61.
 32. Suciu M, Scurtu I, Ardelean A, 2011, Liver and Immunity, *Physiology*, 73:27-31.
 33. Suciu M, Gruia AT, Mic AF, Barbu-Tudoran L, Muntean V, Ardelean A, 2012, Hepatoprotective and Antimicrobial Effects of Gentiana asclepiadea Ethanolic Extract: Preliminary Results, *Annals of RSCB*, XVII(2):207-12.
 34. Suciu M, Ardelean A, 2012, Review: Hepatoprotective And Microbiological Studies Of Three Genera: Equisetum, Lycopodium, and Gentiana, *AUOFB*, XIX(2):116-122
 35. Wilhelm I, Nyúl-Tóth Á, Suciu M, Hermenean A, Krizbai IA, 2016, Heterogeneity of the blood-brain barrier, *Tissue Barriers*, 4(1):e1143544.
 36. Mic AA, Gruia AT, Suciu M, Azghadi SMR, Mic AF, 2015, Diabetes impairs thymocyte proliferation and causes thymocyte apoptosis with subsequent thymus involution in mouse, *Annals of RSCB*, XIX(3):21 – 33.