



<http://news.doctorat.ubbcluj.ro/>

Doctoral School of Integrative Biology

1. PhD Student:

Name Mircea, First name Cristina

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2. Doctorate

2.1. PhD thesis title: Biological characteristics of some terrestrial fungi on different substrates

2.2. PhD coordinator: prof. dr. Pârvu Marcel

2.3. Date of PhD thesis defense (link from site): 28 June 2019

(<https://doctorat.ubbcluj.ro/ro/sustinerile-publice-ale-tezelor-de-doctorat/?an=2019&luna=6&facultate=0&domeniu=0>)

2.4. Grade: Excellent/Summa Cum Laude

3. Scientific articles published in:

3.1. Impact factor journals (IF, AIS):

3.1.1. Mircea C., Pârvu M., Tripon S.C., Roșca-Casian O, (2016), Morphological and Ultrastructural Characteristics of *Dumontinia tuberosa* (Bull.) LM Kohn from *Ranunculus ficaria* L., *Notulae Botanicae Horti Agrobotanici*, 44(2), 354-360, FI 2016: 0.48, AIS 2016 (JCR): 0.173, <http://www.notulaebotanicae.ro/index.php/nbha/article/view/10583/7921>

3.1.2. Roșca-Casian O., Mircea C*, Vlase L., Gheldiu A.M., Teuca D.T., Pârvu M., (2017), Chemical composition and antifungal activity of *Hedera helix* leaf ethanolic extract. *Acta Biologica Hungarica*, 68 (2), 196-207. (*autor corespondent), FI 2016: 0.506, AIS 2016 (JCR): 0.115, <https://akademai.com/doi/abs/10.1556/018.68.2017.2.7>

3.3.3. Moț A.C., Pârvu M, Pârvu A.E., Roșca-Casian O., Dina N.E., Leopold N., Silaghi-Dumitrescu R., Mircea C., (2017), Reversible naftifine-induced carotenoid depigmentation in *Rhodotorula mucilaginosa* (A. Jörg.) F.C. Harrison causing onychomycosis, *Scientific reports*, 7, 11125, FI 2016: 4.259, AIS 2016 (JCR): 1.484, <https://www.nature.com/articles/s41598-017-11600-7>

3.3.4. Mircea C., Vulpoi A., Rusu I., Radu C., Pârvu M., Kelemen B. (2018). Exploring post-excavation degradation potential of fungal communities associated with archaeological human remains. *Archaeometry*, FI 2018: 1.545, AIS 2018 (JCR): 0.497, <https://onlinelibrary.wiley.com/doi/full/10.1111/arcm.12438>



3.3.5. Rusu I., Modi A., Vai S., Pilli E., Mircea C., Radu C., Urdușia C., Pinter Z.K., Bodolică V., Dobrinescu C., Hervella M., Popescu O., Lari M., Caramelli D., Kelemen B. (2018) Maternal DNA lineages at the gate of Europe in the 10th century AD, PloS one, 13(3):e0193578, FI 2018: 2.766, AIS 2018 (JCR): 1.000, <https://doi.org/10.1371/journal.pone.0193578>

3.3.6. Rusu I., Paica I., Vulpoi, A., Radu C., Mircea C., Dobrinescu C., Bodolică V., Kelemen B. (2018). Dual DNA-protein extraction from human archeological remains. Archaeological and Anthropological Sciences, 1-9, FI 2018: 2.414, AIS 2018 (JCR): 0.829, <https://doi.org/10.1007/s12520-018-0760-1>

3.3.7. Rusu I., Modi A., Radu C., Mircea C., Vulpoi A., Dobrinescu C., Bodolică V., Potârniche T., Popescu O., Caramelli D., Kelemen, B. (2019). Mitochondrial ancestry of medieval individuals carelessly interred in a multiple burial from southeastern Romania. Scientific reports, 9(1), 961, FI 2018: 4.122; , AIS 2018 (JCR): 1.356, <https://doi.org/10.1038/s41598-018-37760-8>

4. Scientific conferences/symposia (please mention the author/s, title of the conference/symposium, year, country, link)

4.1. International:

4.1.1. Nicoleta E. Dina, Alia Colniță, Cristina Mircea, Augustin C. Moț, Nicolae Leopold, Marcel Pârvu, Radu Silaghi-Dumitrescu, Resonant Raman investigation of the ROS generated stress interference with the carotenogenesis of *R. mucilaginosa* (poster), 33rd European Congress on Molecular Spectroscopy (EUCMOS 2016), August 2016, Szeged, Hungary

4.1.2. Cristina Mircea, Claudia Radu, Cătălin Dobrinescu, Vitalie Bodolică, Beatrice Kelemen, Ancient dental calculus as new source of information for a 10th century population from Dobrogea (poster), 22nd Annual Meeting of the European Association of the Archaeologists, 31 August-4 September 2016, Vilnius, Lithuania

4.1.3. Cristina Mircea, Tiberiu Potârniche, Ioan-Gabriel Mircea, Ioana Rusu, Beatrice Kelemen, Identification of charred medieval caryopses (oral presentation), 24th Annual Meeting of the European Association of the Archaeologists, 5-8 September 2018, Barcelona, Spain

4.2. National:

4.2.1. Cristina Mircea, Bogdan Ciupercă, Marcel Pârvu, Beatrice Kelemen, Considerations on the analysis of medieval human oral microbiome (oral presentation) Interethnic Relations in Transylvania. Militaria Medievalia in Central and South-Eastern Europe, 15-18 octombrie 2015, Sibiu, România



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4.2.2. Cristina Mircea, Ancient DNA – is everybody ultimately immortal? (oral presentation)
Young Researchers in BioSciences – International Symposium 3rd Edition, 25- 31 July 2016,
Cluj-Napoca, România <http://bioge.ubbcluj.ro>

5. Projects/Grants:

5.1. Scientific projects/grants:

5.1.1. Nonsymbiotic plant hemoglobins in stress related responses (PN-IIRU-TE-4-2014-2555), 2015-2017, Faculty of Chemistry and Chemical Engineering, Cluj-Napoca, Romania, <http://www.chem.ubbcluj.ro/~augustinmot/TE2014/TE-2014-4-2555.htm>

5.1.2. Genetic Evolution: New Evidences for the Study of Interconnected Structures (GENESIS). A Biomolecular Journey around the Carpathians from Ancient to Medieval Times. (PN-II-PCCA_1153/2011), July – December 2016, Babeş-Bolyai University, Cluj-Napoca, Romania

5.1.3. UBB-TeMATIC-Art – Partnership for the transfer of innovative technologies and advanced materials in the field of visual arts (production, conservation, restoration), (UBB-TeMATIC Art P_40_374), 2018-present, Babeş-Bolyai University, Cluj-Napoca, Romania, <http://tematicart.granturi.ubbcluj.ro/>

6. Visibility (links):

6.1. Google Scholar:

<https://scholar.google.com/citations?user=pdoNbRUAAAAJ&hl=en&oi=ao>

Date 02.05.2020.....Signature

Mircea