



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

Doctoral School of Integrative Biology

## 1. PhD Student:

Name Ciorîță, First name Alexandra.

e-mail: [alexandra.ciorita@ubbcluj.ro](mailto:alexandra.ciorita@ubbcluj.ro)

## 2. Doctorate

2.1. PhD thesis title: *Vinca* and *Catharanthus* plant extracts: A comparative study

2.2. PhD coordinator: prof. dr. Pârvu Marcel

## 3. Scientific articles published in:

### 3.1. Impact factor journals (IF, AIS):

3.1.1. Ciorîță, A., Suciuc, M., Macavei, S., Kacso, I., Lung, I., Soran, M.-L., Pârvu, M. (2020). Green synthesis of Ag-MnO<sub>2</sub> nanoparticles using *Chelidonium majus* and *Vinca minor* extracts and their *in vitro* cytotoxicity. *Molecules*, 25(4), 819.

<https://doi.org/10.3390/molecules25040819>; IF (3.267); AIS: 0.6;

3.1.2. Surducă, V., Surducă, E., Neamțu, C., Moț, A.-C., Ciorîță, A. (2020). Effects of Long-Term Exposure to Low-Power 915 MHz Unmodulated Radiation on *Phaseolus vulgaris* L. *Bioelectromagnetics*, 41(3), 200-212. <https://doi.org/10.1002/bem.22253>; IF (2.278), AIS: 0.5;

3.1.3. Opreș, O., Lung, I., Soran, M.-L., Ciorîță, A., Copolovici, L. (2020). Investigating the effects of non-steroidal anti-inflammatory drugs (NSAIDs) on the composition and ultrastructure of green leafy vegetables with important nutritional values. *Plant Physiology and Biochemistry*, 151, 342-351. <https://doi.org/10.1016/j.plaphy.2020.03.046>. IF (3.72), AIS: 0.8;

3.1.4. Suciuc, M., Ionescu, C.-M., Ciorita, A., Tripon, S.-C., Nica, D., Al-Salami, H., Barbu-Tudoran, L. (2020). Applications of superparamagnetic iron oxide nanoparticles in drug and therapeutic delivery, and biotechnological advancements. *Beilstein Journal of Nanotechnology*, 11(1), 1092-1109. <https://doi.org/10.3762/bjnano.11.94>; IF (2.612), AIS: 0.8;



**3.1.5.** Opriș, O., Soran, M.-L., Lung, I., **Ciorîță, A.**, Copolovici, L. (2021).

Biotransformation of Non-steroidal Anti-inflammatory Drugs Induces Ultrastructural Modifications in Green Leafy Vegetables. *Journal of Soil Science and Plant Nutrition.* ; <https://doi.org/10.1007/s42729-021-00449-5>; **IF** (2.156),  **AIS**: 0.4;

**3.1.6.** **Ciorîță, A.**, Tripon, S.-C., Mircea, I.-G., Podar, D., Barbu-Tudoran, L., Mircea, C., Pârvu, M. (2021). The Morphological and Anatomical Traits of the Leaf in Representative *Vinca* Species Observed on Indoor-and Outdoor-Grown Plants. *Plants-Basel*, 10(4), 622. <https://doi.org/10.3390/plants10040622>; **IF** (2.762).

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

**4.1. International:**

**4.1.1.** **Ciorîță, A.**, Surducan, V., Surducan, E. 12<sup>th</sup> International Conference „Processes in Isotopes and Molecules”; Poster: *Automated photographic device for real-time monitoring of in vitro biological samples*, 2019, Romania, <http://pim.itim-cj.ro/2019/>;

**4.1.2.** **Ciorîță, A.**, Tripon, S.-C., Podar, D., Barbu-Tudoran, L., Pârvu, M. 18<sup>th</sup> International Balkan Workshop on Applied Physics and Materials Science; Poster: *Light and electron microscopy analysis of the leaves of Vinca species*, 2018, Romania, <http://ibwap.ro/>;

**4.1.3.** **Ciorîță, A.**, Bugiel, M., Schaeffer, E., Jannasch, A. Microtubules: From Atoms to Complex Systems – Virtual; Poster: *Single kinesin-8, Kip3, stabilizes microtubules*, 2020, Germania, <https://www.embo-embl-symposia.org/symposia/2020/EES20-05/index.html>;

**4.1.4.** **Ciorîță, A.**, Suciu, M., Olar, L., Mirescu, C., Tripon, S.-C., Crăciunescu, I., Barbu-Tudoran, L.; 11<sup>th</sup> International Conference ”Processes in Isotopes and Molecules – P.I.M.”; Poster: *Tissue distribution of intravenous and intraperitoneal administration of SPIONs in a rat model*, 2017, Romania, <http://pim.itim-cj.ro/2017/>;

**4.1.5.** **Ciorîță, A.**, Suciu, M., Olar, L., Mirescu, C., Tripon, S.-C., Crăciunescu, I., Barbu-Tudoran, L.; 17<sup>th</sup> International Balkan Workshop on Applied Physics; Poster: *Time-dependent organ response to SPIONs in rats*, 2017, Romania, <http://ibwap.univ-ovidius.ro/2017/>;

**4.2. National:**

**4.2.1.** **Ciorîță, A.**, Suciu, M., Macavei, S., Kacso, I., Lung, I., Soran, M.-L., Pârvu, M. 3<sup>rd</sup> Edition of the National Conference for Ph.D. students; Online, 2020, Romania, <https://conferinte.doctoranzi.geo.unibuc.ro/>;



**4.2.2. Ciorîță, A.,** Zăgorean-Tuza, C., Moț, A.-C., Suciu, M., Karpa, R., Barbu-Tudoran, L., Pârvu, M. 2<sup>nd</sup> Edition of the National Conference for Ph.D. students; 2020, Romania, [https://scoaladoctorala.geo.unibuc.ro/wp-content/uploads/2019/09/CNSD\\_editia-a-II-a.pdf](https://scoaladoctorala.geo.unibuc.ro/wp-content/uploads/2019/09/CNSD_editia-a-II-a.pdf);

**4.2.3. Ciorîță, A.,** Tripon, S.-C., Barbu-Tudoran, L., Pârvu, M. Ediția V-a a Simpozionului BIOTA: Biodiversitate-Tradiții și actualitate, 2018, Romania;

**4.2.4. Ciorîță, A.,** Macavei, S.-G., Suciu, M., Tripon, S.-C., Crăciunescu, I., Barbu-Tudoran, L. 2<sup>nd</sup> "Conference of the Romanian Electron Microscopy Society – C.R.E.M.S.", 2017, Romania, <https://www.romicroscopy.ro/index.php/c-r-e-m-s/2017>.

## 5. Projects/Grants:

### 5.1. Scientific projects/grants:

**5.1.1.** "TiO<sub>2</sub> nanotubes/ graphene-based nanomaterials to address the emerging contaminants pollution", RO-NO-2019-0616, 01.09.2020 – 31.08.2023, National Institute for Research and Development of Isotopic and Molecular Technologies (INCDTIM), <https://www.itim-cj.ro/PNCIDI/grafid/>;

**5.1.2.** "Emerging technologies for industrial verification of 2D structures (graphene and nongraphic)", PN-III-P1-1.2-PCCDI-2017-0387, 2018-2021; National Institute for Research and Development of Isotopic and Molecular Technologies (INCDTIM), <https://icechim-rezultate.ro/proiect.php?id=49&lang=ro>;

**5.1.3.** "Partnership for transfer of innovative technologies and advanced materials in visual arts (production, conservation, restoration)", UBB-TeMATIC-Art, 2019-2022, Babeş-Bolyai University, <http://tematicart.granturi.ubbcluj.ro/>;

**5.1.4.** "Characterization of the sub-cellular effects of functionalized magnetic nanoparticles in targeted anti-tumor therapy", PN II RU TE 2014-4-0608, 18/April-30/September 2017, Babeş-Bolyai University,; <https://poravpaul.wixsite.com/cellspion>.

### 5.2. Projects for the community:

**5.2.1.** POCU 123886 – Antreprenoriat pentru inovare prin cercetare doctorală și postdoctorală, 2019-2022, Babeş-Bolyai University, <https://fondurieuropene.centre.ubbcluj.ro/pocu-123886-antreprenoriat-pentru-inovare-prin-cercetare-doctorala-si-postdoctorala/>.



Str. Republicii nr.44  
Cluj-Napoca, RO-400015  
Tel/Fax.: 0264-43.18.58  
bioge@ubbcluj.ro  
http://bioge.ubbcluj.ro

## 6. Visibility (links):

### 6.1. Google Scholar:

<https://scholar.google.com/citations?user=Aj4nUGoAAAAJ&hl=ro&oi=ao;>

6.2. ResearchGate: [https://www.researchgate.net/profile/Alexandra-Ciorita;](https://www.researchgate.net/profile/Alexandra-Ciorita)

6.3. Publons: [https://publons.com/researcher/3697174/alexandra-ciorita/;](https://publons.com/researcher/3697174/alexandra-ciorita/)

6.4. ORCID: [https://orcid.org/0000-0003-2991-3957;](https://orcid.org/0000-0003-2991-3957)

6.5. BrainMap: [https://www.brainmap.ro/alexandra-ciorita.](https://www.brainmap.ro/alexandra-ciorita)

Date

14.04.2021

Signature