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

Doctoral School of Integrative Biology

1. PhD Student: **Photo**

Name Helga Enikö**, First name** Sörös.(present name Balázs)

e-mail: helga_bshe@gmail.com

2. Doctorate

2.1. PhD thesis title: In-situ hexachlorocyclohexane (HCH) bioremediation possibilities: a case study at the former HCH production facility Uzinele Chimice Turda în Turda, Romania

2.2. PhD coordinator: prof. dr. Cristea Vasile

2.3. Date of PhD thesis defense (**link from site**): 19.03.2021
https://zoom.us/j/98850736085?pwd=cTAwN0NXeC9vM0RtMmlRRFd3U1J6UT09

2.4. Grade: .....

3. Scientific articles published in:

3.1. Impact factor journals (IF, AIS):

3.1.1. Journal of Environmental Management. AIS: 0.925; IF: 2019: 5.647.

3.1.2. Applied Soil Ecology. AIS: 0.774; IF: 2019: 3.187.

3.1.3. Science of The Total Environment. IF: 2019: 6.551.

3.1.2. Biology and Fertility of Soils. IF: 2019: 5.521.

3.2. IDB journals:

3.2.1. None

3.3. Other journals:

3.3.1. None

Article model (with IF):

Balázs, H.E.; Schmid, C.A.O.; Feher, I.; Podar D.; Szatmari P.-M.; Marincaş O.; Balázs, Z.R., Schröder P. (2018) HCH phytoremediation potential of native plant species from a contaminated urban site in Turda, Romania. Journal of Environmental Management 223, pp. 286-296. Link: https://doi.org/10.1016/j.jenvman.2018.06.018 **AIS:** 0.925; **IF:** 2019: 5.647.

Balázs, H.E.; Schmid, C.A.O.; Podar D.; Hufnagel G.; Schröder P. (2020). Development of microbial communities in organochlorine pesticide contaminated soil: a post-reclamation perspective. Applied Soil Ecology 150, 103407. Link: https://doi.org/10.1016/j.apsoil.2019.103467 **AIS:** 0.774; **IF:** 2019: 3.187.

Balázs, H.E.; Schmid, C.A.O; daRocha Cruzeiro, C.; Podar, D.; Szatmari P.-M.; Buegger, F.; Hufnagel, G.; Radl, V.; Schröder, P.. (2021). Post-reclamation microbial diversity and functions in hexachlorocyclohexane (HCH) contaminated soil in relation to spontaneous vegetation. Science of The Total Environment 767, 144653. Link: https://doi.org/10.1016/j.scitotenv.2020.144653 **IF:** 2019: 6.551.

Obermeier, M.M.; Gnädinger, F.; Durai Raj C.A.; Obermeier, W.A.; Schmid, C.A.O; **Balázs, H.E.;** Schröder, P. . (2020). Under temperate climate, the conversion of grassland to arable land affects soil nutrient stocks and bacteria in a short term. Science of The Total Environment 703, 135494. Link: https://doi.org/10.1016/j.scitotenv.2019.135494 **AIS:** 1.124; **IF:** 2019: 6.551.

Kamau, K.W.; van Duijnen, R.; Schmid, C.A.O.; **Balázs, H.E.;** Roy, J.; Rillig, M.; Schröder, P.; Radl, V.; Temperton, V.; Schloter, M.. (2021). Impact of high carbon amendments and pre-crops on bacterial communities in a soil cultivated with winter-barley. Biology and Fertility of Soils volume 57, pages 305–317, Link: https://doi.org/10.1007/s00374-020-01526-0 **IF:** 2019: 5.521.

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

4.1. International:

4.1.1. None

4.2. National:

4.2.1. None

5. Projects/Grants:

5.1. Scientific projects/grants:

5.1.1. Remediation potential of native facultative metallophytes and the associated rhizosphere microbiota, PN-II-RU-TE-2014-4-2727, Research projects for young research teams RU-TE-2014.

5.1.2. Scholarship of Deutsche Bundesstiftung Umwelt (DBU) at Helmholtz Centre Munich GmbH, Department for Comparative Microbiome Analyses, with Prof. Dr. Michael Schloter.

5.2. Projects for the community:

5.2.1. None

(please mention the title of the project/grant, period, coordinating institution, link)

6. Visibility (links):

6.1. Google Scholar: None

6.2. ResearchGate: https://www.researchgate.net/profile/Balazs-Helga

6.3. Twitter (#AcademicTwitter): None

6.4. Other accounts: None

Date 16.03.2021 Signature