



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

Doctoral School of Integrative Biology

1. PhD Student:

Name: Ochiș (căs. Constantinescu), **First name:** Maria-Cornelia-Teodora

e-mail: cornelia_ochis@yahoo.com

2. Doctorate

2.1. PhD thesis title: Structural determinants for mobilization of LAVA and SVA VNTR-composites

2.2. PhD coordinator: prof. dr. Nicolae Dragoș

2.3. Date of PhD thesis defense: <https://doctorat.ubbcluj.ro/ro/sustinerile-publice-ale-tezelor-de-doctorat/?an=2019&luna=7&facultate=4&domeniu=0>

2.4. Grade: *Magna Cum Laude*

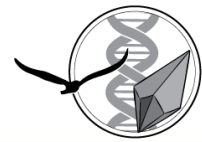
3. Scientific articles published in:

3.1. Impact factor journals:

3.1.1. Matetovici I, Szajo S, Ianc MB, **Ochiș C**, Bulzu P, Popescu O, Damert A. (2016) Mobile element evolution playing jigsaw –SINEs in gastropod and bivalve mollusks. *Genome Biology and Evolution*, pii: evv257. doi: [10.1093/gbe/evv257](https://doi.org/10.1093/gbe/evv257), **IF₂₀₁₆: 3.979**.

3.1.2. Ianc B, **Ochiș C**, Persch R, Popescu O, Damert A (2014) Hominoid composite non-LTR retrotransposons -variety, assembly, evolution and structural determinants of mobilization. *Molecular Biology and Evolution*, 31(11):2847-64. doi:[10.1093/molbev/mst256](https://doi.org/10.1093/molbev/mst256), **IF₂₀₁₄: 9,105**.

3.1.3. Carbone L, Harris RA, Gnerre S, Veeramah KR, Lorente-Galdos B, Huddleston J, Meyer TJ, Herrero J, Roos C, Aken B, Anaclerio F, Archidiacono N, Baker C, Barrell D, Batzer MA, Beal K, Blancher A, Bohrson CL, Brameier M, Campbell MS, Capozzi O, Casola C, Chiatante G, Cree A, Damert A, de Jong PJ, Dumas L, Fernandez-Callejo M, Flicek P, Fuchs NV, Gut I, Gut M, Hahn MW, Hernandez-Rodriguez J, Hillier LW, Hublely R, Ianc B, Izsvák Z, Jablonski NG, Johnstone LM, Karimpour-Fard A, Konkel MK, Kostka D, Lazar NH, Lee SL, Lewis LR, Liu Y, Locke DP, Mallick S, Mendez FL, Muffato M, Nazareth LV, Nevonen KA, O'Bleness M, **Ochiș C**, Odom DT,



Pollard KS, Quilez J, Reich D, Rocchi M, Schumann GG, Searle S, Sikela JM, Skollar G, Smit A, Sonmez K, ten Hallers B, Terhune E, Thomas GW, Ullmer B, Ventura M, Walker JA, Wall JD, Walter L, Ward MC, Wheelan SJ, Whelan CW, White S, Wilhelm LJ, Woerner AE, Yandell M, Zhu B, Hammer MF, Marques-Bonet T, Eichler EE, Fulton L, Fronick C, Muzny DM, Warren WC, Worley KC, Rogers J, Wilson RK, Gibbs RA. (2014) Gibbon genome and the fast karyotype evolution of small apes. *Nature*, 513(7517):195-201. doi: [10.1038/nature13679](https://doi.org/10.1038/nature13679). **IF₂₀₁₄: 42,351.**

4. Scientific conferences/symposia

4.1. International:

4.1.1. Damert A, **Ochis C**, Ianc B: Different determinants of mobilisation for two families of VNTR-containing retrotransposons: SVA and LAVA. EMBO/EMBL Symposium: The Mobile Genome: Genetic and Physiological Impacts of Transposable Elements, 16 -19 September 2015, Heidelberg, Germany (poster presentation)

5. Projects/Grants:

5.1. Scientific projects/grants:

5.1.1. Structural Determinants of mobilization retrotransposons VNTR compounds and their interaction with host cell factors, grant number PN-II-ID-PCE-2012-4-0090 (2012-2016), Babeş Bolyai University, team member.

6. Visibility:

6.1. Google Scholar: <https://scholar.google.ro/citations?hl=ro&user=Eyo2IAEAAA&hl=ro>

6.2. ResearchGate: https://www.researchgate.net/profile/Cornelia_Ochis

Date: 20.03.2021.