

A N E X A 4 . 1

Nume Prenume: TOMA VLAD-ALEXANDRU

Gradul didactic: LECTOR

Instituția unde este titular: UNIVERSITATEA BABEȘ-BOLYAI

Facultatea: de BIOLOGIE ȘI GEOLOGIE

Departamentul: BIOLOGIE MOLECULARĂ ȘI BIOTEHNOLOGIE

L I S T A**lucrărilor științifice în domeniul disciplinelor din postul didactic****A. Teza de doctorat**

Proteine și extracte vegetale studiate cu modele experimentale de stres oxidativ– Universitatea Babeș-Bolyai România, 2020

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. Toma, Vlad-Alexandru, **Modele biologice în patologia experimentală**, Ed. Presa Universitară Clujeană, ISBN 978-606-37-1483-2, 241 pag., Cluj-Napoca, 2022 (print & e-book)

<http://editura.ubbcluj.ro/www/ro/ebooks/new.php?ofs=25&txt=new%20books&chk=4>

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1) **Toma, V.A.**, Filip, A., Farcaș, A., Mirescu, C.Ș., Roșioru, C.L., Effect of hyoscine N-butylbromide on the skeletal muscle contraction in Wistar rat - a few physiological aspects, *Ann. Rom. Soc. Cell Biol.*, **18**(2), 2013, 123-128 (<http://www.annalsofrscb.ro/numar%20in%20curs/18%202/18.pdf>).

2) **Vlad Al. Toma**, Anca D. Farcaș, Ioana Roman, Florina Scurtu-Deac, Radu Silaghi-Dumitrescu. In vivo tests of cell-free hemoglobin-based blood substitutes candidates: histopathological characterization. *Rev Romana Med Lab - Supliment* 24(1), 2016, 88-89 (http://www.rmml.ro/articole/2016/2016_1_supliment.pdf).

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D. Lucrări publicate în ultimii 10 anii în reviste și volume de conferințe cu referenți (neindexate)

- 1) Biological models of autism spectrum disorders: valproate, oxidative stress and development, Conferința Interdisciplinară a Doctoranzilor UBB, Bar, iunie, 2016.
 - 2) Cellular and biochemical coordinates related to CA3 hippocampal field in repeated restraint stress, Conferința Națională Societății Române de Biologie Celulară, Oradea, iunie, 2016.
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- Hemoglobin based blood substitutes behavior in hemorrhagic conditions, Conferința Națională a Societății Române de Biologie



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6) "Artificial Blood"- Newly developed blood substitutes tested on laboratory animals and cell cultures. Preliminary results, Conferința Internațională a Societății Române de Biologie Celulară, Târgu-Mureș România, iunie, 2014.

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Semnătura:

Lector dr. Vlad-Alexandru TOMA