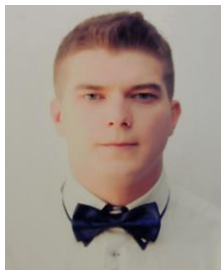


PERSONAL  
INFORMATION



Razvan Stefan Boiangiu

📍 Carol I Boulevard, no. 20A, 700505, Iasi County, Romania

📞 0232201630

✉ [razvan.boiangiu@uaic.ro](mailto:razvan.boiangiu@uaic.ro); [boiangiu.razvan.stefan@biologieuaic.onmicrosoft.com](mailto:boiangiu.razvan.stefan@biologieuaic.onmicrosoft.com)

💬 Skype boiangiu.razvan

Sex Male | Date of birth 10/03/1993 | Nationality Romanian

POSITION APPLIED FOR

-

WORK EXPERIENCE

October 2022 – Present

**Teaching assistant**

Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi

February 2021 – Present

**Member** in the research project titled "Sequencing the genome of a useful bacteria: *Paenarthrobacter nicotinovorans* – next step in extending it's biotechnological applications", acronym PaeNicGenom ([PN-III-P4-ID-PCE-2020-0656](#))

Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi  
Bd. Carol I, no. 20A, 700506, room 129, Iasi, Romania

October 2021 – December 2021

**Member** in the group target of the project titled "UniTeach UAIC – Performance and innovation in teaching activity at Alexandru Ioan Cuza University of Iasi" ([CNFIS-FDI-2021-0481](#))

Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi  
Bd. Carol I, no. 20A, 700506, room 129, Iasi, Romania

October 2019 – October 2020

**Member** in the group target of the project titled "Doctoral students and postdoctoral researchers prepared for the labour market!" (POCU/380/6/13/123623)

Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi  
Bd. Carol I, no. 20A, 700506, room 129, Iasi, Romania

July 2020

**Internship**

Institute of Biological Research Iasi, branch of National Institute of Research and Development for Biological Sciences, Bucharest  
Str. Lascar Catargi, no. 47, 700107, Iasi

January 2019 – April 2020

**Member** in the research project titled "Developing an *Arthrobacter nicotinovorans* biotechnology for neuro-pharmaceuticals production", acronym ARTHROBIOTECH ([PN-III-P1-1.1-TE-2016-0367](#))

Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi  
Bd. Carol I, no. 20A, 700506, room 129, Iasi, Romania

- February – December 2018 **Member** in the research project titled "Step towards an *Arthrobacter nicotinovorans* biotechnology for neuro-pharmaceuticals production", acronym **ARTHROBIOTECH (PN-III-P2-2.1-PED-2016-0177)**  
Faculty of Biology, "Alexandru Ioan Cuza" University of Iasi  
Bd. Carol I, no. 20A, 700506, room 129, Iasi, Romania
- October 2016 – December 2017 **Member** in the research project titled "Nicotine – from toxic residue to metabolic derivatives with neuroprotective effects" (**PN-II 50BM/2016**);  
Facultatea de Biologie, Universitatea "Alexandru Ioan Cuza" din Iași  
Bd. Carol I, nr. 20A, 700505, Corp B, camera 129, Iași, România
- July 2016 **Internship**  
S.C. Antibiotice S.A., Iasi County  
Valea Lupului no. 1, Iasi county 707410, Romania
- April 2014 – October 2016 **Volunteer**  
"Anastasiu Fatu" Botanical Garden  
Dumbrava Rosie Street, no 7-9, Iasi county, Romania
- October 2012 – October 2014 **Volunteer**  
Young Romanian Ecologists of Iasi Association – TERIS

## EDUCATION AND TRAINING

---

- October 2017 – June 2021 **PhD in Biology, Neurobiology (Summa cum laude distinction)**  
**Faculty of Biology, Alexandru Ioan Cuza University of Iasi**  
Thesis title: The impact of nicotine and nicotinic derivatives on neurodegenerative diseases.  
Studies on animal models of Alzheimer's disease
- April – June 2021 **The 7<sup>th</sup> International Course "Care and use of laboratory animals: mice, rats and zebrafish"**  
**Department of Biology, University of Crete, Heraklion, Greece**  
**FELASA accredited course (FELASA ID: F051/15)**
- October 2020 – June 2021 **Psycho-pedagogical Training Study Programme – Level I and II**  
**Faculty of Psychology and Educational Sciences, Alexandru Ioan Cuza University of Iași**
- March – April 2021 **"Expert Accessing European Structural and Cohesion Funds" and "Project Manager"**  
courses  
**Avangarde Business Academy**  
**Courses accredited by the National Authority for Qualifications**
- May – July 2018 **Erasmus+ Placement Program**  
**Department of Medicine, University of Verona**  
Strada le Grazie 8, 37134 Verona, Italy  
Traineeship title: Effect of nicotine and its derivatives on amyloid beta-mediated toxicity on neuronal cells

- October 2015 – July 2017 **Master studies, Microbial and Cellular Biotechnologies**  
**Faculty of Biology, Alexandru Ioan Cuza University of Iasi**  
 Thesis title: Assessing the presence of genes responsible for nicotine metabolism in *Arthrobacter* sp. AK-YN10
- October – November 2016 **Erasmus+ Placement Program**  
**Groningen Biomolecular Sciences and Biotechnology Institute, University of Groningen**  
 Nijenborgh 4, 9747 AG Groningen, The Netherlands  
 Master Course: Protein and Enzyme Engineering (5 ECTS)  
 Report title: Engineering of *Vibrio fluvialis*  $\omega$ -transaminase for bulky substrates
- October 2012 – July 2015 **Bachelor studies, Biochemistry**  
**Faculty of Biology, Alexandru Ioan Cuza University of Iasi**  
 Thesis title: High-Performance Liquid Chromatography (HPLC) for separating metabolic derivatives from *Arthrobacter nicotinovorans*
- July 2012 **Baccalaureate diploma**
- September 2008 - June 2012 **High school diploma**  
**Alexandru Ioan Cuza High School of Iasi**

PERSONAL SKILLS

Mother tongue Romanian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	B2
	IELTS Certificate				
French	A2	A2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

- Communication skills**
- Good communication and coordination skills gained through the personal experience as project manager;
  - Teamwork - acquired during school and academic activities;
  - Ability to adapt to multicultural environments gained from repeated interaction with people from different cultural backgrounds, colleagues, scientists, friends from home and abroad;

Organisational/ managerial skills	<ul style="list-style-type: none"><li>▪ Organizer of the 5<sup>th</sup> @RoBioinfo Seminar: Bioinformatics tools for exploring protein biology, 4-5 April 2019, Iasi, Romania;</li><li>▪ Organizer of the 1<sup>st</sup> edition of the National Conference of Doctoral Schools within the Universitaria Consortium, 31 October – 3 November 2018, Iasi, Romania;</li><li>▪ Project manager “Exchange Iasi-Cluj” edition 2014 – student exchange project between the Alexandru Ioan Cuza University of Iasi and Babes Bolyai University of Cluj, 10 students involved;</li><li>▪ Good ability to motivate volunteers – gained through my activity as a volunteer in the TERIS Students Association;</li><li>▪ Honest, motivated, responsible and with the ability to learn quickly;</li></ul>
Job and technical related skills	<ul style="list-style-type: none"><li>▪ Basic competences in UV-VIS spectrometry as well as in HPLC chromatography;</li><li>▪ DNA and RNA extraction, isolation and purification;</li><li>▪ PCR: primer aliquot, master mix preparation, optimization of different parameters</li><li>▪ <i>E. coli</i> transformation;</li><li>▪ Thermostability assay;</li><li>▪ Behavioral tests for rodents (Y-maze, Radial arm-maze, Elevated plus-maze, Forced swimming test, Novel tank test, T-maze, Novel object recognition and Open field test) and for zebrafish (Y-maze, Novel Tank Test, T-maze, Novel Object Recognition Test);</li><li>▪ Biochemical assays: Evaluation of SOD, CAT, GPX, AChE specific activities and determination of MDA, GSH, carbonylated proteins content</li><li>▪ Molecular docking experiments</li></ul>
Computer skills	<ul style="list-style-type: none"><li>▪ Good knowledge and skills in using Microsoft Office Products (Certificate of digital competence), GraphPad Prism, ANY-maze (Stoelting Co.), PyMol (Schrödinger), AutoDockTools and Autodock 4</li></ul>
Driving license	<ul style="list-style-type: none"><li>▪ B</li></ul>
Member of Scientific Organizations	<ul style="list-style-type: none"><li>▪ Romanian Society of Biochemistry &amp; Molecular Biology (<a href="#">RSBMB</a>)</li><li>▪ Federation of European Biochemical Societies (<a href="#">FEBS</a>)</li><li>▪ International Union of Biochemistry and Molecular Biology (<a href="#">IUBMB</a>)</li><li>▪ National Society of Neuroscience (<a href="#">NSN</a>)</li><li>▪ Federation of European Neuroscience Societies (<a href="#">FENS</a>)</li><li>▪ Romanian Society of Bioinformatics (<a href="#">RSBI</a>)</li></ul>
Reviewer	<ul style="list-style-type: none"><li>▪ European Journal of Pharmacology, Physiology &amp; Behavior, Environmental Toxicology and Pharmacology, Heliyon (Elsevier), Pharmaceutical Biology (Taylor &amp; Francis), International Journal of Molecular Sciences, Molecules, Brain Sciences (MDPI), Journal of Experimental and Molecular Biology</li></ul>
Editor	<ul style="list-style-type: none"><li>▪ Topical Editor for International Journal of Molecular Sciences</li></ul>

- Awards and stipends**
- Excellence Award offered by Alexandru Ioan Cuza University of Iasi
  - YSF grant for attending the 20<sup>th</sup> FEBS Young Scientists' Forum (YSF) and the 45<sup>th</sup> FEBS Congress (Virtual, 2021);
  - FENS-IBRO/PERC Grant for attending FENS Forum 2020;
  - FEBS bursaries for attending the 43<sup>th</sup> FEBS Congress (Prague, Czech Republic, 2018) and the IUBMB-FEBS-PABMB Congress (Lisbon, Portugal 2022);
- References**
- Written and spoken references can be obtained from Professor Lucian Hritcu, PhD Tel: +40(232)201666, E-mail: [hritcu@uaic.ro](mailto:hritcu@uaic.ro) and from Associate Professor Marius Mihasan, PhD Tel: +40(0)232202434, E-mail: [marius.mihasan@uaic.ro](mailto:marius.mihasan@uaic.ro)

## ADDITIONAL INFORMATION

---

### Publications

- Pecio, L.; Kozachok, S.; Brinza, I.; **Boiangiu, R.S.**; Hritcu, L.; Mircea, C.; Burlec, A.F.; Cioanca, O.; Hancianu, M.; Wronikowska-Denysiuk, O.; Skalicka-Wozniak, K.; Oleszek, W.; 2022 – [Neuroprotective Effect of Yucca schidigera Roez. ex Ortgies Bark Phenolic Fractions, Yuccaol B and Gloriosol A on Scopolamine-Induced Memory Deficits in Zebrafish](#). *Molecules*, 27, 3692;
- El-Sabeh, A.; Honceriu, I.; Kallabi, F.; **Boiangiu, R.S.**; Mihasan, M.; 2022 – [Complete Genome Sequences of Two Closely Related Paenarthrobacter nicotinovorans Strains](#). *Microbiology Resource Announcements*, 11(6), e00133-22;
- Kamda, J.L.D.; **Boiangiu, R.S.**; Brinza, I.; Kenko Djoumessi, L.B.; Rebe, R.N.; Kamleu, B.N.; Guedang, S.D.N.; Camdi, G.W.; Bouvourné, P.; Keugong, E.W.; Ngatanko, H.H.A.; Cioanca, O.; Hancianu, M.; Foyet, H.S.; Hritcu, L.; 2022 – [Neuroprotective Potential of Guiera senegalensis \(Combretaceae\) Leaf Hydroethanolic Extract against Cholinergic System Dysfunctions and Oxidative Stress in Scopolamine-Induced Cognitive Impairment in Zebrafish \(Danio rerio\)](#). *Plants*, 11, 1149;
- **Boiangiu, R.S.**; Bagci, E.; Dumitru, G.; Hritcu, L.; Todirascu-Ciornea, E.; 2022 – [Angelica purpurascens \(Ave-Lall.\) Gilli. Essential Oil Improved Brain Function via Cholinergic Modulation and Antioxidant Effects in the Scopolamine-Induced Zebrafish \(Danio rerio\) Model](#). *Plants*, 11(8):1096.;
- Valu, M.V.; Soare, L.C.; Ducu, C.; Moga, S.; Negrea, D.; Vamanu, E.; Balseanu, T.A.; Carradori, S.; Hritcu, L.; **Boiangiu, R.S.**; 2021 – [Hericium erinaceus \(Bull.\) Pers. Ethanolic Extract with Antioxidant Properties on Scopolamine-Induced Memory Deficits in a Zebrafish Model of Cognitive Impairment](#). *Journal of Fungi* 7(6), 477;
- Valu, M.V.; Ducu, C.; Moga, S.; Negrea, D.; Hritcu, L.; **Boiangiu, R.S.**; Vamanu, E.; Balseanu, T.A.; Carradori, S.; Soare, L.C.; 2021. – [Effects of the Hydroethanolic Extract of Lycopodium selago L. on Scopolamine-Induced Memory Deficits in Zebrafish](#). *Pharmaceuticals* 14(6), 568;
- Mihasan, M.; **Boiangiu, R.S.**; Guzun, D.; Babii, C.; Aslebagh, R.; Channaveerappa, D.; Dupree, E.; Darie, C.C.; 2021 – [Time-Dependent Analysis of Paenarthrobacter nicotinovorans pAO1 Nicotine-Related Proteome](#). *ACS Omega*, 6(22), 14242-14251;
- Brinza, I.; **Boiangiu, R.S.**; Hancianu, M.; Cioanca, O.; Orhan, I.E.; Hritcu, L.; 2021 – [Bay leaf \(Laurus nobilis L.\) incense improved scopolamine-induced amnesic rats by restoring cholinergic dysfunction and brain antioxidant status](#). *Antioxidants*, 10(2), 259;
- **Boiangiu, R.S.**; Mihasan, M.; Gorgan, D.L.; Stache, B.A.; Hritcu, L.; 2021 – [Anxiolytic, promnesic, anti-acetylcholinesterase and antioxidant effects of cotinine and 6-hydroxy-L-nicotine in scopolamine-induced](#)

- [zebrafish \(\*Danio rerio\*\) model of Alzheimer's Disease](#). *Antioxidants*, 10(2), 212;
- Valu, M.V.; Soare, L.C.; Sutan, N.A.; Ducu, C.; Moga, S.; Hritcu, L.; **Boianjiu, R.S.**; Carradori, S.; 2020 – [Optimization of Ultrasonic Extraction to Obtain Erinacine A and Polyphenols with Antioxidant Activity from the Fungal Biomass of \*Herichium erinaceus\*](#). *Foods*, 9(12), 1889;
  - **Boianjiu, R.S.**; Mihasan, M.; Gorgan, D.L.; Stache, B.A.; Petre, B.A.; Hritcu, L.; 2020 – [Cotinine and 6-Hydroxy-L-Nicotine Reverses Memory Deficits and Reduces Oxidative Stress in A \$\beta\$ 25-35-Induced Rat Model of Alzheimer's Disease](#). *Antioxidants*, 9(8), 768;
  - Brinza, I.; Abd-Alkhalek, A.M.; El-Raey, M.A.; **Boianjiu, R.S.**; Eldahshan, O.A.; Hritcu, L.; 2020 – [Ameliorative Effects of Rhoifolin in Scopolamine-Induced Amnesic Zebrafish \(\*Danio rerio\*\) Model](#). *Antioxidants*, 9(7), 580;
  - Abidar, S.; **Boianjiu, R.S.**; Dumitru, G.; Todirascu-Ciornea, E.; Amakran, A.; Cioanca, O.; Hritcu, L.; Nhiri, M.; 2020 – [The aqueous extract from \*Ceratonia siliqua\* leaves protects against 6-hydroxydopamine in zebrafish: understanding the underlying mechanism](#). *Antioxidants*, 9(4), 304;
  - Hritcu, L.; **Boianjiu, R.S.**; Castro de Morais, M.; Pergentino de Sousa, D.; 2020 – [\(-\)-cis-Carveol, a natural compound, improves amyloid-beta \(1-42\)-induced memory impairment and oxidative stress in the rat hippocampus](#). *BioMed Research International*, Volume 2020, Article ID 8082560;
  - **Boianjiu, R.S.**; Brinza, I.; Hancianu, M.; Orhan, I.E.; Eren, G.; Gunduz, E.; Ertas, H.; Hritcu, L.; Cioanca, O.; 2020 – [Cognitive facilitation and antioxidant effects of an essential oil mix on scopolamine-induced amnesia in rats: molecular modeling of in vitro and in vivo approaches](#). *Molecules*, 25(7), 1519;
  - Capatina, L.; **Boianjiu, R.S.**; Dumitru, G.; Napoli, E.M.; Ruberto, G.; Hritcu, L.; Todirascu-Ciornea, E.; 2020 – [Rosmarinus officinalis Essential Oil Improves Scopolamine-Induced Neurobehavioral Changes via Restoration of Cholinergic Function and Brain Antioxidant Status in Zebrafish \(\*Danio rerio\*\)](#). *Antioxidants*, 9(1), 62;
  - Todirascu-Ciornea, E.; El-Nashar, H.A.S.; Mostafa, N.M.; Eldahshan, O.; **Boianjiu, R.S.**; Dumitru, G.; Hritcu, L.; Singab, A.N.; 2019 – [Schinus terebinthifolius essential oil attenuates scopolamine-induced memory deficits via cholinergic modulation and antioxidant properties in a zebrafish model](#). *Evidence-Based Complementary and Alternative Medicine*, Volume 2019, Article ID 5256781, 11 pages;
  - Hritcu, L.; Abidar, S.; Dumitru, G.; **Boianjiu, R.S.**; Nhiri, M.; Sandu, I.; Todirascu-Ciornea, E.; 2019 – [Ceratonia siliqua methanolic extract on 6-OHDA zebrafish model: Antiacetylcholinesterase and anxiolytic profile](#). *REVISTA DE CHIMIE (Bucharest)*, 70(4), pp. 1364-1367;
  - Todirascu-Ciornea, E.; Dumitru, G.; Coprean, D.; Tigran, L.M.; **Boianjiu, R.S.**; Sandu, I.; Hritcu, L.; 2019 – [Effect of micotoxins treatment on oxidative stress, memory and anxious behavior in zebrafish \(\*Danio rerio\*\)](#). *REVISTA DE CHIMIE (Bucharest)*, 70(3), 776-780;
  - Dumitru, G.; El-Nashar, H.A.S.; Mostafa, N.M.; Eldahshan, O.A.; **Boianjiu, R.S.**; Todirascu-Ciornea, E.; Hritcu, L.; Singab, A.N.B.; 2019 – [Agathisflavone isolated from \*Schinus polygamus\* \(Cav.\) Cabrera leaves prevents scopolamine-induced memory impairment and brain oxidative stress in zebrafish \(\*Danio rerio\*\)](#). *Phytomedicine*, 58, 152889;
  - Dumitru, G.; Abidar, S.; Nhiri, M.; Hritcu, L.; **Boianjiu, R.S.**; Sandu, I.; Todirascu-Ciornea, E.; 2018 – [Effect of Ceratonia Siliqua methanolic extract and 6-hydroxydopamine on memory impairment and oxidative stress in zebrafish \(\*Danio rerio\*\) model](#). *REVISTA DE CHIMIE (Bucharest)*, 69(12), 3545-3548;
  - **Boianjiu, R.**; Guzun, D.; Mihasan, M.; 2014 – Time dependent accumulation of nicotine derivatives in the culture medium of *Arthrobacter nicotinovorans* pAO1. *Scientific Annals of the Alexandru Ioan Cuza University*,

*Genetics and Molecular Biology Section*, 15(4);

### Abstract publications

- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L., 2022 – [Anxiolytic, antidepressant and antioxidant effects of cotinine and 6-hydroxy-L-nicotine in an A \$\beta\$ -induced rat model of Alzheimer disease](#). *FEBS Open Bio*, 12(S1), P-01.2-001;
- El-Sabeh, A., Honceriu, I., Kallabi, F., **Boiangiu, R.S.**, Mihașan, M., 2022 – [Genome sequence of Paenarthrobacter nicotinovorans strain ATCC 49919, a nicotine-degrading soil microorganism](#). *FEBS Open Bio*, 12(S1), ShT-06.1-1;
- Brinza, I., **Boiangiu, R.S.**, Hritcu, L., Singab, A.N., 2021 – [Baicalin and Rhoifolin prevents scopolamine-induced memory impairment and brain oxidative stress in zebrafish \(Danio rerio\)](#). *FEBS Open Bio*, 11: S1, P-03.1-23;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L., 2021 – [Cotinine and 6-hydroxy-L-nicotine attenuates memory deficits and reduce anxiety and oxidative stress in a zebrafish \(Danio rerio\) model of Alzheimer's Disease](#). *FEBS Open Bio*, 11: S1, P-03.1-04;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L., 2019– [Anti-acetylcholinesterase and pro-cognitive profile of cotinine and 6-hydroxy-L-nicotine in an A \$\beta\$ <sub>25-35</sub>-induced rat model of Alzheimer's Disease](#). *Journal of Experimental and Molecular Biology*, 20(3);
- Hritcu, L., Dumitru, G., El-Nashar, H.A., Mostafa, N.M., Eldahshan, O.A., **Boiangiu, R.S.**, Todirascu-Ciornea, E., Singab, A.N.B., 2019 – [Agathisflavone isolated from Schinus polygamus \(cav.\) Cabrera leaves prevents scopolamine-induced memory impairment and brain oxidative stress in zebrafish \(Danio rerio\)](#). *FEBS Open Bio*, 9: S1, P-15-006;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L., 2019 – [Effects of cotinine and 6-hydroxy-L-nicotine on memory impairment in A \$\beta\$ <sub>25-35</sub> peptide-induced an Alzheimer's disease rat model](#). *FEBS Open Bio*, 9(S1), P-24-033;
- Paduraru, A.F., Cioanca, O., Mircea, C., **Boiangiu, R.S.**, Iancu, C., Gille, E., Hritcu, L., Hancianu, M., 2019 – Chemical and biological profile of two Ajuga species cultivated in northern Romania. *4<sup>th</sup> International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf*, Albena, Bulgaria, 29 Mai – 1 June 2019;
- **Boiangiu, R.S.**, Andrei, A., Mihasan, M., 2018 – [Nicotine metabolic genes in Arthrobacter: pAO1 vs AK-YN10](#). *FEBS Open Bio*, 8: S1, P.28-008;
- **Boiangiu R.S.**, Mihasan M., 2017 – Assessing the presence of *nic*-genes in Arthrobacter sp. AK-YN10. *New Frontiers in Chemistry*, 26(2), West University of Timisoara,;
- Guzun, D., **Boiangiu, R.S.**, Mihasan, M., 2015 – Time dependent accumulation of nicotine derivatives in the culture medium of Arthrobacter nicotinovorans pAO1. *National Students Scientific Communications Session*, Moldova State University, Chisinau;

### Conferences

- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Anxiolytic, antidepressant and antioxidant profile of cotinine and 6-hydroxy-L-nicotine in a rat model of Alzheimer's disease – *PSE Meeting 2022*, Iasi, Romania, 19-22 September, 2022;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Anxiolytic, antidepressant and antioxidant effects of cotinine and 6-hydroxy-L-nicotine in an A $\beta$ -induced rat model of Alzheimer disease – *25<sup>th</sup> IUBMB – 46<sup>th</sup> FEBS – 15<sup>th</sup> PABMB*, Lisbon, Portugal, 9-14 July, 2022;

- **Boiangiu, R.S.**, Mihasan, M., Gorgan, D.L., Stache, B.A. – Ameliorative effects of cotinine and 6-hydroxy-L-nicotine in a scopolamine-induced zebrafish model of Alzheimer’s disease – *the 5<sup>th</sup> International Symposium on Phytochemicals in Medicine and Food*, Nanchang, China, 25-30 August, 2021 (Virtual);
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Cotinine and 6-hydroxy-L-nicotine attenuates memory deficits and reduce anxiety and oxidative stress in a zebrafish (*Danio rerio*) model of Alzheimer's Disease – *the 45<sup>th</sup> FEBS Congress*, Ljubljana, Slovenia, 3-8 July, 2021 (Virtual);
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Cotinine and 6-hydroxy-L-nicotine attenuates memory deficits and reduce anxiety and oxidative stress in a zebrafish (*Danio rerio*) model of Alzheimer's Disease – *the 20<sup>th</sup> FEBS Young Scientists' Forum*, Lovran, Croatia, 15-18 June, 2021 (Virtual);
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Cotinine and 6-hydroxy-L-nicotine improves neurobehavioral changes and reduce oxidative stress in a zebrafish (*Danio rerio*) model of Alzheimer's Disease – *“Victor Babes” National Institute of Pathology – Annual Scientific Meeting & 13th National Pathology Symposium*, Bucharest, Romania, 5-7 November 2020 (Virtual);
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Cotinine and 6-hydroxy-L-nicotine improves neurobehavioral changes and reduce oxidative stress in a zebrafish (*Danio rerio*) model of Alzheimer's Disease – *IBNS 2020 Online Poster Sessions*, 3-7 August 2020;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Effects of cotinine and 6-hydroxy-L-nicotine on memory, anxious behavior and oxidative stress in a zebrafish (*Danio rerio*) model of Alzheimer’s Disease – *FENS Forum 2020 Virtual Forum*, 11-15 July 2020;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Anti-acetylcholinesterase and procognitive profile of cotinine and 6-hydroxy-l-nicotine in an A $\beta_{25-35}$ -induced rat model of Alzheimer’s Disease – *National Conference with International Participation Life sciences in the dialogue of generations: Connections between Universities, Academia and Business community*, Chisinau, Republic of Moldova, 21-22 October, 2019;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Anti-acetylcholinesterase and procognitive profile of cotinine and 6-hydroxy-l-nicotine in an A $\beta_{25-35}$ -induced rat model of Alzheimer’s Disease – *Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology*, Iasi, Romania, 26-27 September 2019;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Cotinine and 6-hydroxy-L-nicotine mitigate the memory deficits and oxidative stress induced by brain infusion of A $\beta_{25-35}$  in rats – *48<sup>th</sup> Meeting of the European Brain and Behaviour Society (EBBS)*, Prague, Czech Republic 21-24 September 2019;
- **Boiangiu, R.S.**, Mihasan, M., Hritcu, L. – Effects of cotinine and 6-hydroxy-L-nicotine on memory impairment in A $\beta_{25-35}$  peptide-induced an Alzheimer’s disease rat model – *The 44<sup>th</sup> FEBS Congress, From Molecules to Living Systems*, Krakow, Poland, 6-11 July 2019;
- **Boiangiu, R.S.**; Andrei, A.; Mihasan, M. – Nicotine metabolic genes in *Arthrobacter*: pAO1 vs AK-YN10 – *The Annual International Conference of the RSBMB*, Bucharest, Romania 5-7 September 2018;
- **Boiangiu R.S.**, Andrei, A., Mihasan, M. – Nicotine metabolic genes in *Arthrobacter*: pAO1 vs AK-YN10 – *The 43<sup>rd</sup> FEBS Congress*, Prague, Czech Republic 7-12 July 2018;
- **Boiangiu, R.S.**, Mihasan, M.– Assessing the presence of *nic*-genes in *Arthrobacter* sp. AK-YN10 – *International Conference of Romanian Society of Biochemistry and Molecular Biology*, Timisoara, Romania 7-9 June 2017;
- **Boiangiu, R.S.**; Mihășan, M. – Assessing the presence of genes responsible for nicotine metabolism in *Arthrobacter* sp. AK-YN10, 3rd edition of *The Young Researchers in BioScience – International Symposium*, Cluj-Napoca, România 25-31 Iulie 2016;



- **Boiangiu, R.S.**, Mihasan, M. – Assessing the presence of genes responsible for nicotine metabolism in *Arthrobacter* sp. AK-YN10 – 3<sup>rd</sup> edition *Young Researchers in BioScience – International Symposium*, Cluj-Napoca, Romania 25-31 July 2014;
- **Boiangiu, R.S.**, Guzun, D., Mihasan, M. – Time dependent accumulation of nicotine derivatives in the culture medium of *Arthrobacter nicotinovorans* – *Faculty of Biology Annual Scientific Meeting – Biodiversity conservation in the context of sustainable development*, Iasi, Romania 23-25 October 2014;
- **Boiangiu, R.S.**, Guzun, D., Mihasan, M. – Time dependent accumulation of nicotine derivatives in the culture medium of *Arthrobacter nicotinovorans* – 1<sup>st</sup> edition *Young Researchers in BioScience – International Symposium*, Cluj-Napoca, Romania 23-27 July 2014;