

CURRICULUM VITAE AND SUMMARY OF SCIENTIFIC ACTIVITIES

1- Personal Information

First name and last name: **Stefan-Adrian Strungaru**

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Mobile: +40758913492

Address: “Alexandru Ioan Cuza” University of Iasi, Department of Research, Faculty of Biology, 700505 Iasi, Romania

Date of Birth: **20/08/1989** [Nationality – **Romanian**]

Workplace position: From 01.10.2015 to present **Scientific Research Assistant (in Ecotoxicology)** at Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Department of Research, Ecotoxicology and Animal Behavior Laboratory (<https://erris.gov.ro/ECOTOXICOLOGY-AND-ANIMAL-BEH>)

2- Academic Degrees

- 01/10/2013 – 30/09/2016 - **PhD degree diploma in BIOLOGY** with Summa Cum Laude academic distinction rewarded on 23.09.2016
Thesis title: **Contamination with heavy metals and their toxicokinetics in freshwater ecosystems, their influence on aquatic organisms and man.**
The Doctoral School of “Chemistry, Life and Earth Sciences”, Alexandru Ioan Cuza University of Iasi, Romania. The results of Phd. Activity received the prize: Excellence for the best academic performance in Biology field.
- 01/10/2011 – 31/06/2013 - **Master degree diploma in Biodiversity and Productivity of Ecosystems**
Thesis Title: **Bioaccumulation and the effects of different lead concentrations in the bodies of Rana sp.tadpoles**
Faculty of Biology, Field Biology, University “Alexandru Ioan Cuza” of Iași, First place student of the Specialization. Master Diploma’s Exam Result – 10 (100%, standard Romanian mark 1-lowest and 10-maximum).
- 01/10/2008 – 31/06/2011 - **Bachelor degree diploma in Environmental Sciences, Specialization Ecology and Environmental Protection**

Thesis Title: **Ecology of Small Mammals from Lower Basin of Prut River**

Faculty of Biology, University “Alexandru Ioan Cuza” of Iași, first place student of the Specialization. Bachelor Diploma’s Exam Result – 10 (100%, standard Romanian mark 1-lowest and 10-maximum)

3- Scholarships and specializations

- 23-24 November 2015 aplikativ-method training for the device multi N/C 2100 S, Autosampler APG 60, CLD, TC-solid module HT 1300 and TIC solid module in Jena Germany, at Analytik Jena AG
 - 23-24 May 2013 application trainin sesion for HR-CS-AAS in Überlingen, Germany at Analytik Jena AG
 - 03/09/2012 – 30/04/2013 Erasmus Study Scholarship at **University of Konstanz-Germany**, Faculty of Biology. Intensive specialization Practical Courses with colloquium exams:
 - **Advanced Human and Environmental Toxicology**
 - **Advanced Chemical Ecology**
 - **Applied research course for exchange students –Plant physiology**
 - **Advanced R Statistic Course applied in Ecology**
 - **Deutsch-Intensivkurs A2/1 (Kompaktkurs)**
 - 01/07/2012 - 15/07/2012 International Summer school of Limnology and Ecology, “Ecological state of the lake during restoration measures”, held at University Adam Mickiewicz- Poznan, Poland
 - 01/02/2011 — 01/05/2011 Erasmus Practice Scholarship at Firat University, Turkey. Project: Age techniques determination of cartilaginous fishes from Mediterranean Sea– Department of Aquatic productivity
 - 23/08/2010 – 04/08/2010 International Summer school of Limnology and Ecology (German - Romanian) held in Konstanz-Germany
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4- Technical and Research Skills

- International SCUBA DIVER license:
 - NAUI Green Diver 97924 SCUBA DIVER (Open water certified)
 - NAUI Green Diver 97923 ADVANCED SCUBA DIVER
 - NAUI Green Diver 97928 MASTER SCUBA DIVER
- Methods, analytical techniques and laboratory equipment :

- HR-CS GF-AAS
- GF-AAS
- Flame-AAS
- Hydride generator with cold vapor for Hg AAS
- GS-MS
- HPLC/UPLC
- UV/vis absorbance spectroscopy
- Real time PCR
- Fluorescence microscopy
- multi N/C- carbon and nitrogen analyses (TOC, TIC, TN, TC, NPOC, NPOC+)/carbon cycle in environment
- EthoVision XT ver.11.5 multi-purpose and Cross Maze for zebrafish** (pharmaceutical testing / aquatic organisms behavior / interaction with abiotic environmental factors)

- Applied methods of Environmental Forensics/ Environmental Specialist
 - Data analysis and interpretation in R, Origin 8.5, SigmaPlot 10, OriginPro v. 9.3 (2016)
 - Sampling, preserving and processing of biological samples / water / sediment / soil for complex analysis (metal matrix, biochemical, chemistry and water quality)
 - Analysis of environmental health
 - Analytical Toxicology and ecotoxicology of chemical compounds on biological organisms
 - Analysis of food quality / consumer protection
 - Maintenance / optimization / standardization of laboratory equipment
 - Preparation / optimization of the reagents
 - Technical Control standardized EU / USEPA quality for metal analyzes in samples
 - Experimental Architecture, Design and Planning
 - Analytical Method Development, data validation and interpretation
 - Interdisciplinary research / aggregate
 - Discussions on scientific themes / workshops with the public:
 - Invited guest in schools, children gardens, workshops science festivals as specialist in Biology Science, Environmental Science, Toxicology to present and discuss actual problems focused on environment pollution, natural/food resources, human health, life preservation and ecology
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5- Research grant member

- Scientific Research Assistant Code: 213137 in Research Project “ Complex Study Regarding the Relevance of Oxytocin’s Administration to some Animal Models for Neuropsychiatric Disorders”, acronym OXYTOCIN, financial contract: PN-II-RU-TE-2014-4-1886/01/10/2015
Contract : 01/11/2015 – 31/12/2015
- Project Code: POSDRU/159/1.5/S/133391

Project name: "Doctoral and Post-doctoral programs of excellence for highly qualified human resources training for research in the field of Life sciences, Environment and Earth Science" cofinanced by the European Social Fund within the Sectorial Operational Program Human Resources Development 2007 – 2013.

Contract : 08/05/2014 – 07/12/2015

- Resources pilot center for cross-border preservation of the aquatic biodiversity of Prut River, MIS ETC 1150/2012, România-Ucraina-Republica Moldova 2007-2013, Research Member 11 in GA4 Team

Contract : 07/02/2014 – 07/05/2015

6- Scientific publications

- h-index: 2 (https://www.researchgate.net/profile/Stefan_Adrian_Strungaru)
 - 9 scientific papers published in international journals with ISI impact factor
 - 14 scientific papers published in journals with no impact factor
 - 44 international/national conference participations (oral presentations/poster)
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7- Language

- **Mother language: Romanian**
 - **Other language:**
 - **English (C2)**
 - **German (B1)**
 - **French (A2)**
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8- Work experience

- ✓ Marine Biologist during the expedition in August 2013 on board of research vessel Mare Nigrum, Black Sea, Romania
 - ✓ Laboratory technician during October 2011 - July 2012 and October 2013 - July 2014 at Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Department of Biology, Hydrobiology Laboratory
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Stefan-Adrian Strungaru

Publications

- **Stefan-Adrian Strungaru**, Mircea Nicoara, Oana Jitar, Gabriel Plavan, (2015), **Influence of urban activity in modifying water parameters, concentration and uptake of heavy metals in *Typha latifolia* L. into a river that crosses an industrial city**, *Journal of Environmental Health Science & Engineering*, 13:5, DOI 10.1186/s40201-015-0161-7 (I.F.=0.338; A.I.=0.27-eigenfactor.org)
 - Brandusa Robu, Oana Jitar, Carmen Teodosiu, **Stefan-Adrian Strungaru**, Mircea Nicoara, Gabriel Plavan, (2015), **Environmental impact and risk assessment of the main pollution sources from the Romanian Black Sea Coast**, *Environmental Engineering and Management Journal*, Vol.14, No.2, 331-340 (I.F.=1.01; A.I.=0.07)
 - Mircea Fântânariu, Lucia Carmen Trincă, Carmen Solcan, Alina Trofin, **Stefan Strungaru**, Eusebiu Viorel Șindilar, Gabriel Plăvan, Sergiu Stanciu, (2015), **A new Fe-Mn-Si alloplastic biomaterial as bone grafting material: *In vivo* study**, *Applied Surface Science*, <http://dx.doi.org/10.1016/j.apsusc.2015.04.197>, journal: www.elsevier.com/locate/apsusc (I.F.=3.387; A.I.=0.55-eigenfactor.org)
 - **Stefan-Adrian Strungaru**, Mircea Nicoara, Oana Jitar, Ioan Moglan, Gabriel Plavan. An **overview of the development and progress of water supply and wastewater treatment in Romania**, Acceptat pentru publicare August 2015 *Environmental Engineering and Management Journal*, ISSN 1582-9596 (I.F.=1.01; A.I.=0.07-eigenfactor.org)
 - Marlene Jahnke, Asbjørn Christensen, Dragos Micu, Nataliya Milchakova, Murat Sezgin,Valentina Todorova, **Stefan Strungaru**, Gabriele Procaccini, (2016), **Patterns and mechanisms of dispersal in a keystone seagrass species**, *Marine Environmental Research*, <http://dx.doi.org/10.1016/j.marenvres.2016.04.004>, (I.F.=3.01; A.I.=0.74-eigenfactor.org)
 - Gabriel Plavan, Oana Jitar, Carmen Teodosiu, Mircea Nicoara, Dragos Micu, **Stefan-Adrian Strungaru** (2017), **Toxic metals in tissues of fishes from the Black Sea and associated human health risk exposure**. *Environmental Science and Pollution Research*, DOI 10.1007/s11356-017-8442-6, Volume: 24 Issue: 8 Pages: 7776-7787 (I.F.=2.76; A.I.=0.65-eigenfactor.org)
 - Marius Andrei Rau, Gabriel Plavan, **Stefan-Adrian Strungaru**, Mircea Ncoara, Pablo Rodriguez-Lozano;, Alin Mihu-Pintilie, Dorel Ureche, Piotr Klimaszyk (2017), **The impact of amur sleeper (*Percottus glenii* Dybowsky, 1877) on the riverine ecosystem: food selectivity of amur sleeper in a recently colonized river**. *OCEANOLOGICAL AND HYDROBIOLOGICAL STUDIES*, DOI: 10.1515/ohs-2017-0010, Volume: 46, Issue: 1, Pages: 96-107 (I.F.=0.519; A.I.=0.1-eigenfactor.org)
 - Ioana-Miruna Balmuș, **Stefan-Adrian Strungaru**, Alin Ciobica, Mircea-Nicusor Nicoara, Romeo Dobrin, Gabriel Plavan and Cristinel Ștefănescu (2017), **Preliminary Data on the Interaction between Some Biometals and Oxidative Stress Status in Mild Cognitive Impairment and Alzheimer's Disease Patients**. *Oxidative Medicine and Cellular Longevity*, Volume 2017, Article ID 7156928, 7 pages, <https://doi.org/10.1155/2017/7156928> (I.F.=4.593; A.I.=0.9-eigenfactor.org)
 - **Stefan-Adrian Strungaru**, Mircea Nicoara, Carmen Teodosiu, Dragos Micu, Gabriel Plavan (2017), **Toxic metals biomonitoring based on prey-predator interactions and environmental forensics techniques: A study at the Romanian-Ukraine cross border of the Black Sea**. *Marine Pollution Bulletin* , <https://doi.org/10.1016/j.marpolbul.2017.07.052> (I.F.=3.146; A.I.=0.75-eigenfactor.org)
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- **Strungaru Stefan-Adrian**, Jitar Oana, Plăvan Gabriel, Nicoară Mircea, (2012), **Lead accumulation in the bodies of *Rana tadpoles* (Anura: Ranidae)**, *Analele Șt. ale Univ. „Al. I. Cuza” Iași, s. Biol. Anim.*, Tom LVIII, 2012: 93 – 98
- **Stefan-Adrian STRUNGARU**, Gabriel PLĂVAN, Marius Andrei RĂU, Mircea NICOARĂ, (2014), **A short overview focused on invertebrate and vertebrate bioindicators for freshwater environments contaminated with heavy metals**, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LX, 121-127
- Marius Andrei RĂU, Gabriel PLĂVAN, **Stefan-Adrian STRUNGARU**, Mircea NICOARĂ, (2014), **Study of macroinvertebrate diversity and seasonal dynamics from Bădărău Lake – Iași, Romania**, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LX, 35-46
- Ioana Vasiliu, Cristina Preda, Ionela Lăcrămioara Serban, D. N. Serban, **S. A. Strungaru**, M. Nicoară, G. Plăvan, B. Stoica, Delia Gabriela Ciobanu, O. Bredetean, Carmen Vulpoi, (2015), **Selenium status in autoimmune thyroiditis**, *Revista medico-chirurgicala a Societatii de Medici si Naturalisti din Iasi-vol.119*, no.4, ISSN-0300-8738
- **Stefan-Adrian STRUNGARU**, Marius Andrei RĂU, Mircea NICOARĂ, Gabriel PLĂVAN and Dragoș Micu (2015), **Do you like to eat fish? – An overview of the benefits of fish consumption and risk of mercury poisoning**, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LXI, 117-123
- Marius Andrei RĂU, Gabriel PLĂVAN, **Stefan-Adrian STRUNGARU**, Mircea NICOARĂ, Ioan MOGLAN and Dorel URECHE (2015), **Feeding ecology of two sympatric fish species in a river ecosystem**, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*, Tom LXI, 11-18
- **Stefan-Adrian STRUNGARU**, Alexandru TOMA, Ovidiu TOMA, (2011), **METHODS OF POPULATION WARNING AND COMMUNICATION IN THE CASE OF LANDSLIPS-** NATO Science for Peace and Security Series E: Human and Societal Dynamics – Vol.80 Edited by Arman Avagyan, David L. Barry, Wilhelm G. Coldewey, Dieter W.G. Reimer IOS PRESS
- Alexandru TOMA, Andrei LOBIUC, Ovidiu TOMA, **Stefan-Adrian STRUNGARU** ,(2011), **ROLE OF MEDIA COMMUNICATION IN PREVENTING NATURAL DISASTER IN ROMANIA** NATO Science for Peace and Security Series E: Human and Societal Dynamics – Vol.80 Edited by Arman Avagyan, David L. Barry, Wilhelm G. Coldewey, Dieter W.G. Reimer IOS PRESS,
- Nicoara M., Zubcov E., Bagrin N., Borodin N., **Strungaru S.A.**, Jurminscaia O., Gabriel Plavan, (2015), **Evaluation of environmental impact and risk in Prut River using five indicators (CBO₅, CCO-Cr, SO₄²⁻, NO₂⁻, NO₃⁻)**, *Journal of Survey in Fisheries Sciences*, 1(2)1-10 ISSN:2368-7487 (<http://www.sifisheressciences.com>)
- **Strungaru S.A.**, Gabriel Plavan, Nicoara M., (2016), **A short overview about cadmium and its toxicity focused on humans, bioindicators and model organisms**, *Journal of Survey in Fisheries Sciences* 2(2)1-15
- **Stefan-Adrian Strungaru**, Gabriel Plavan, Mircea Nicoara, Alexandrina Cruceanu (2016), **Is the gamma dose rate dangerous for the human population from the surrounding area of the uranium exploitation Crucea, Romania?**, *Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală*

- **Ștefan-Adrian Strungaru**, Gabriel Plăvan, Mircea Nicoară, (2016), **Host-parasite interactions between the cyprinid *Alburnus alburnus* (Linnaeus, 1758) and *Ligula intestinalis* (Linnaeus, 1758) resulted from the biotransfer of heavy metals**, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s. Biologie animală,

***Research grants member:

1. Resources pilot center for cross-border preservation of the aquatic biodiversity of Prut River, MIS ETC 1150/2012, România-Ucraina-Republica Moldova 2007-2013, Research Member 11 in GA4 Team
Contract period: **07.02.2014 - 07.05.2015**
2. Project Code: POSDRU/159/1.5/S/133391
Project name: “Doctoral and Post-doctoral programs of excellence for highly qualified human resources training for research in the field of Life sciences, Environment and Earth Science” cofinanced by the European Social Fund within the Sectorial Operational Program Human Resources Development 2007 – 2013.
Contract period: **08.05.2014 - 07.12.2015**
3. Scientific Research Assistant Code: 213137 in Research Project “ Complex Study Regarding the Relevance of Oxytocin’s Administration to some Animal Models for Neuropsychiatric Disorders”, acronym OXYTOCIN, financial contract: PN-II-RU-TE-2014-4-1886/01/10/2015
Contract period: **01.11.2015 - 31.12.2015**

Papers presented at international/national conferences:

1. Nicoară Mircea, Constandache Ionela, **Strungaru Ștefan-Adrian**, Plavan Gabriel, *A biodiversity study of benthic macroinvertebrates from Cogeasca (Cucuteni) Lake, Iasi County, during 2012-2013*. VIII-th International Conference of Zoologists – ACTUAL PROBLEMS OF PROTECTION AND SUSTAINABLE USE OF THE ANIMAL WORLD DIVERSITY, 10 – 12 Octombrie 2013, Academia de Științe și Institutul de Zoologie, Chișinău – Republic of Moldova. Oral presentation
2. Gabriel Plavan, **Ștefan-Adrian Strungaru**, Oana Jitar, Carmen Teodosiu, Mircea Nicoară, *Risk assesment of fish consumption and heavy metal concentrations (Cd, Cr, Cu, Ni, Pb) in five species from Romanian’s Black Sea Coastline*. Faculty of Biology Annual Scientific Meeting – BIODIVERSITY WITHOUT FRONTIERS SYMPOSIUM, 24 – 26 Octombrie 2013, Universitatea “Alexandru Ioan Cuza”, Iași – Romania. Oral presentation
3. Mircea Nicoară, Gabriel Plavan, Marius Andrei Rău, **Ștefan-Adrian Strungaru**, Gimi George Dâscă, *Seasonal dynamics of benthic macroinvertebrates from Bădărău Lake – Iași*. Faculty of Biology Annual Scientific Meeting – BIODIVERSITY WITHOUT FRONTIERS SYMPOSIUM, 24 – 26 Octombrie 2013, Universitatea “Alexandru Ioan Cuza”, Iași – Romania. Poster

4. **Stefan-Adrian Strungaru**, Oana Jitar, Gabriel Plavan, Mircea Nicoară, *Lead accumulation in the bodies of Rana tadpoles (Anura: Ranidae)*. International Symposium, the 10th Edition – ECOLOGY AND PROTECTION OF ECOSYSTEMS, 7 – 9 Noiembrie 2013, Universitatea “Vasile Alecsandri”, Bacău – Romania. Poster
5. Marius Andrei Rău, Gabriel Plavan, **Stefan-Adrian Strungaru**, Mircea Nicoară, *Study of macroinvertebrate diversity and seasonal dynamics from Bâdărău Lake - Iași*. International Symposium, the 10th Edition – ECOLOGY AND PROTECTION OF ECOSYSTEMS, 7 – 9 Noiembrie 2013, Universitatea “Vasile Alecsandri”, Bacău – Romania. Poster
6. **Strungaru Ștefan-Adrian**, Jitar Oana, Plavan Gabriel, Nicoară Mircea, *Lead compounds in freshwater ecosystems during the last century; toxicity and their effects on aquatic organisms and to the humans*. Simpozionul național al studenților Mihai David, ediția a IV-a, 22-24 Noiembrie 2013, Facultatea de Geografie și Geologie, Universitatea “Alexandru Ioan Cuza”, Rarău – Romania. Oral presentation
7. **Strungaru Ștefan-Adrian**, Plavan Gabriel, Jitar Oana, Nicoară Mircea, *Iasi city’s impact with heavy metals pollution in Nicolina River*. International Conference “New tools for sustainable management of aquatic living resources”, AQUALIRES 17 – 18 Ianuarie, 2014, Academia Română, B.EN.A, INCDPM București, INCDDD Tulcea, INCDM Constanța, Biblioteca Academiei Române, București – Romania. Poster
8. Micu Dragos, Ion Gabriel, Melinte-Dobrinescu Mihaela, **Strungaru Ștefan**, Briceag Andrei, Ungureanu Constantin, Balan Sorin, *The recent Recovery of Zernov’s Phyllophora Field extends into the Romanian Black Sea*. International Conference “New tools for sustainable management of aquatic living resources”, AQUALIRES 17 – 18 Ianuarie, 2014, Academia Română, B.EN.A, INCDPM București, INCDDD Tulcea, INCDM Constanța, Biblioteca Academiei Române, București – Romania. Poster
9. Dragos Micu, Gabriel Ion, Mihaela Melinte-Dobrinescu, **Ștefan Strungaru**, Andrei Briceag, Constantin Ungureanu, Sorin Balan, *The recent Recovery of Zernov’s Phyllophora Field extends into the Romanian Black Sea*. Towards COast to COast NETWORKS of Marine Protected Areas Coupled with Sea-based Wind Energy Potential. 29 – 30 Ianuarie, 2014, Divani Acropolis, Athens – Greece. Poster
10. Oana Jitar, Carmen Teodosiu, **Ștefan-Adrian Strungaru**, Mircea Nicoară, Gabriel Plavan, *Heavy metals analysis, estimated daily intake and risk exposure by consumption of fish from Black Sea, Romania*. Second International Conference on NATURAL AND ANTHROPIC RISKS. ICNAR 2014, 4 – 7 Iunie, 2014, Universitatea “Vasile Alecsandri”, Bacău – Romania. Poster
11. Marius Andrei Rău, Gabriel Plavan, **Ștefan-Adrian Strungaru**, Mircea Nicoară, Dorel Ureche, *Perccottus glenii distribution and influence on native fish species in Siret River, Romania, based on trophic spectrum*. Second International Conference on NATURAL AND ANTHROPIC RISKS. ICNAR 2014, 4 – 7 Iunie, 2014, Universitatea “Vasile Alecsandri”, Bacău – Romania. Poster
12. **Ștefan-Adrian Strungaru**, Mircea Nicoară, Oana Jitar, Marius Andrei Rău, Gabriel Plavan, *The development and progress of water supply and wastewater treatment in Romania*. Second International Conference on

NATURAL AND ANTHROPIC RISKS. ICNAR 2014, 4 – 7 Iunie, 2014, Universitatea “Vasile Alecsandri”, Bacău – Romania. [Oral presentation](#)

13. Mircea Nicoară, Zubcov Elena, Bagrin Nina, Borodin Natalia, **Stefan-Adrian Strungaru**, Jurminscaia Olga, Gabriel Plavan, *Evaluation of environment impact and risk in Prut River using five indicators* (CBO₅, CCO-Cr, SO₄²⁻, NO₂⁻, NO₃⁻). Conferința Științifică Internațională, Ediția a X-a, DEZVOLTAREA ECONOMICO-SOCIALĂ DURABILĂ A EUROREGIUNILOR ȘI A ZONELOR TRANSFRONTALIERE. 27 Iunie, 2014. Universitatea de Stat “ALECU RUSSO”, Bălți – Republic of Moldova. [Oral presentation](#)
14. Marius Andrei Rău, Gabriel Plavan, **Stefan-Adrian Strungaru**, Mircea Nicoară, Dorel Ureche, *Percottus gleni distribution and influence on native fish species in Siret River, Romania, based on trophic spectrum*. Conferința Științifică Internațională, Ediția a X-a, DEZVOLTAREA ECONOMICO-SOCIALĂ DURABILĂ A EUROREGIUNILOR ȘI A ZONELOR TRANSFRONTALIERE. 27 Iunie, 2014. Universitatea de Stat “ALECU RUSSO”, Bălți – Republic of Moldova. [Oral presentation](#)
15. **Stefan-Adrian Strungaru**, Marius Andrei Rău, Mircea Nicoară, Gabriel Plavan, *Biodiversity oasis for aquatic macroinvertebrates in the City of Iasi*. International Symposium “Young Researchers in BioSciences”, YRBS. 23 – 27 Iulie, 2014. OSpN, Universitatea Babeș – Bolyai, Cluj-Napoca – România. [Poster](#)
16. Mircea Fântânariu, Lucia Trincă, Carmen Solcan, Alina Trofin, **Stefan Strungaru**, Eusebiu Șindilar, Gabriel Plăvan, Sergiu Stanciu, *A new Fe-Mn-Si alloplastic biomaterial as bone grafting material: In vivo study*. International Conference on Physics of Advanced Materials (ICPAM – 10) Iasi, 21-28 Septembrie, 2014 - Romania. [Oral presentation](#)
17. **Stefan-Adrian Strungaru**, Mircea Nicoara, Oana Jitar, Gabriel Plavan, *Are you affraid of cadmium? – A review about toxicity and symproms focused on humans, bioindicators and model organisms*. Faculty of Biology Annual Scientific Meeting – BIODIVERSITY CONSERVATION IN CONTEXT OF SUSTAINABLE DEVELOPMENT, 23 – 25 Octombrie 2013, Universitatea “Alexandru Ioan Cuza”, Iași – Romania. [Oral presentation](#)
18. Marius Andrei Rău, Gabriel Plavan, **Stefan-Adrian Strungaru**, Mircea Nicoară, Pablo Rodriguez-Lozano, Dorel Ureche, *Feeding Ecology of Percottus gleni Dybowsky, 1877 (Perciformes: Odontobutidae) in Romania: Prey ecological traits and selection*. Faculty of Biology Annual Scientific Meeting – BIODIVERSITY CONSERVATION IN CONTEXT OF SUSTAINABLE DEVELOPMENT, 23 – 25 Octombrie 2013, Universitatea “Alexandru Ioan Cuza”, Iași – Romania. [Oral presentation](#)
19. **Strungaru Ștefan-Adrian**, Mircea Nicoara, Marius Andrei Rau, Gabriel Plavan, *A short review about invertebrate and vertebrate bioindicators proposed for environments contaminated with heavy metals and pesticides*. International Symposium dedicated to 75th anniversary of Proffesor Andrei MUNTEANU, SUSTAINABLE USE AND PROTECTION OF ANIMAL WORLD DIVERSITY, 30-31 Octombrie 2014, Chișinău, Republic of Moldova. [Oral presentation](#)

20. O.Jitar, C.Teodosiu, B.Robu, **S.Strungaru**, M.Nicoara, G.Plavan, *Heavy metal pollution on the Romanian Black Sea shore: an environmental impact and risk assessment*. 2nd International Conference on Chemical Engineering (ICCE 2014), 5-8 Noiembrie, 2014, Iași, Romania. Poster
21. **Strungaru Ștefan-Adrian**, *Cadmium-the silent killer from cigarettes, food and in aquatic environments*, Simpozionul național al studenților Mihai David, ediția a V-a, 29-30 Noiembrie 2014, Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza", Iași-Rarău, Romania. Oral presentation
22. Nicuță (căs.Machidon) Dumitrița, Mantea Alexandra Mihaela, **Strungaru Ștefan-Adrian**, *Human footprint on macroinvertebrates communities from Ozana River after crossing the City of Târgu Neamț*, Simpozionul național al studenților Mihai David, ediția a V-a, 29-30 Noiembrie 2014, Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza", Iași-Rarău, Romania. Oral presentation
23. Alexandrina Cruceanu, **Ștefan Strungaru**, *The quality of surface waters and population health state. Romania case study*. Risk Factors in Regional and Local Development, International Conference, 10-12 April 2015, Paris, France. Oral presentation
24. Savu Mihaela, **Strungaru Ștefan-Adrian**, *Metode de analiză și tehnici de prelevare – conservare a probelor de apă contaminate cu diferite substanțe toxice din ecosistemele acvatice dulcicole*, SESIUNEA NAȚIONALĂ DE COMUNICĂRI ȘTIINȚIFICE STUDENȚEȘTI PE TEME DE SILVICULTURĂ ȘI PROTECȚIA MEDIULUI - Ediția I, Vatra-Dornei, 29-30 mai 2015, Romania. Oral presentation
25. Constandache Ionela, **Strungaru Ștefan-Adrian**, *Studiul toxicologic privind contaminarea și toxicocinetica Cu, Pb, și Cd la specia Alburnus alburnus L. din zona superioară a Râului Prut*, SESIUNEA NAȚIONALĂ DE COMUNICĂRI ȘTIINȚIFICE STUDENȚEȘTI PE TEME DE SILVICULTURĂ ȘI PROTECȚIA MEDIULUI - Ediția I, Vatra-Dornei, 29-30 mai 2015, Romania. Oral presentation
26. Gabriel Plavan, **Ștefan Strungaru**, Alin Ciobica, Manuela Padurariu, Mircea Nicoara, *Current aspects regarding the relevance of zebrafish studies in understanding the role of oxytocin in some neuropsychiatric disorders*. 4th International Congress on Neurobiology, Pshychopharmacology & Treatment Guidance Focus on patient empowerment and rehabilitation, May 14th-17th, 2015, Agios Nikolaos Crete, Greece. Poster
27. Ioana Vasiliu, Carmen Vulpoi, Ionela Lăcrămioara Serban, D Serban, **S A Strungaru**, M. Nicoară, G Plavan, B Stoica, Delia Gabriela Ciobanu, O Bredetejan, Cristina Preda, *Selenium status in autoimmune thyroiditis*, The XXIII-th National Congress of Endocrinology with International Participation, June 2015, Iasi – Romania. Oral presentation
28. **Ștefan-Adrian Strungaru**, Mircea Nicoara, Georgiana Arama, Alexandrina Cruceanu, Gabriel Plavan, *Should be the consumer warned about that?-The heavy metal (Cd, Pb, Cu, Cr, Ni) in common brands cigarettes from Iasi marke, Romania and Republic of Moldova*, Young Researchers in Bioscences, International Symposium 22-26 July, 2015, Cluj-Napoca, Romania. Oral presentation

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33. **Stefan-Adrian Strungaru**, Mircea Nicoară, Marius Andrei Rău, Gabriel Plavan, *How much cadmium, lead and copper is transferred from *Alburnus alburnus* (L.1758) to the parasite *Ligula intestinalis* (L.1758)?*, ECOLOGY AND PROTECTION OF ECOSYSTEMS THE 11TH EDITION, 5th-7th of November, 2015 BACAU, Romania. Oral presentation
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35. Paduraru Emanuela, **Strungaru Ștefan-Adrian**, *Importanța magneziului în stresul oxidativ care ar putea induce apariția unor boli neuropsihiatrice*, Simpozionul național al studenților Mihai David, ediția a VI-a, 20-22 Noiembrie 2015 Stațiunea de cercetare "Ion Gugiuman", Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza", Iași-Rarău, Romania. Oral presentation
36. Tîrziman Catalina Nicoleta, **Strungaru Ștefan-Adrian**, *Seleniul în organismul uman – rolul său în prevenirea apariției afecțiunilor neuro-psihiatrice*, Simpozionul național al studenților Mihai David, ediția a VI-a, 20-22 Noiembrie 2015 Stațiunea de cercetare "Ion Gugiuman", Facultatea de Geografie și Geologie, Universitatea "Alexandru Ioan Cuza", Iași-Rarău, Romania. Oral presentation

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