



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Adrian Grozea**  
 Address(es) 8 Nera Street, 307160, Dumbravita, Timis, Romania  
 Telephone(s) 0040256/277114 Mobile: 0040741127825  
 E-mail adriangrozea@usab-tm.ro, grozea@animalsci-tm.ro  
 Nationality Romanian  
 Date of birth August 10<sup>th</sup> 1969  
 Gender Male

### Work experience

#### In University

Dates	2008 - present
Occupation or position held	<b>Full Professor</b> teaching Aquaculture, Biotechnologies in aquaculture
Main activities and responsibilities	Teaching the above-mentioned courses and practical work classes to ULST students; production practice activities; organizing the activity of student scientific circles; advising students on writing their graduation papers; conducting contractual and/or non-contractual research; <b>scientific coordinator for PhD theses</b> since 2009
Name and address of employer	University of Life Sciences „King Mihai I” from Timișoara (ULST) (former name: Banat’s University of Agricultural Sciences and Veterinary Medicine „King Michael I of Romania” from Timișoara - BUASVMT); Faculty of Bioengineering of Animal Resources (Animal Science and Biotechnologies); 119 Calea Aradului, 300645, Timișoara
Type of business or sector	Education and research
Dates	2003 - 2008
Occupation or position held	<b>Associate professor</b> teaching Aquaculture, Ichthyology, Hydrobiology, Aquatic zoology
Main activities and responsibilities	Teaching the above-mentioned courses and practical work classes to BUASVMT students; production practice activities; class dean; organizing the activity of student scientific circles; advising students on writing their graduation papers; conducting contractual and/or non-contractual research;
Name and address of employer	Banat’s University of Agricultural Sciences and Veterinary Medicine (BUASVMT); Faculty of Animal Science and Biotechnologies; 119 Calea Aradului, 300645, Timișoara
Type of business or sector	Education and research
Dates	1999-2003
Occupation or position held	<b>Lecturer</b> teaching Aquaculture, Rabbit and Fur animal farming, Small animals production, Zoology

Main activities and responsibilities	Teaching the above-mentioned courses and practical work classes to BUASVMT students; production practice activities; class dean; organizing the activity of student scientific circles; advising students on writing their graduation papers; conducting contractual and/or non-contractual research;
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine (BUASVMT); Faculty of Animal Science and Biotechnologies; 119 Calea Aradului, 300645, Timișoara
Type of business or sector	Education and research
Dates	1996-1999
Occupation or position held	<b>Assistant professor</b> teaching Aquaculture, Rabbit and Fur animal farming, Small animals production, Zoology
Main activities and responsibilities	Teaching the above-mentioned courses and practical work classes to BUASVMT students; production practice activities; class dean; organizing the activity of student scientific circles; advising students on writing their graduation papers; conducting contractual and/or non-contractual research
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine (BUASVMT); Faculty of Animal Science and Biotechnologies; 119 Calea Aradului, 300645, Timișoara
Type of business or sector	Education and research
Dates	1992-1996
Occupation or position held	<b>Junior University assistant</b> Aquaculture, Rabbit and Fur animal farming
Main activities and responsibilities	Teaching the above-mentioned courses and practical work classes to BUASVMT students; production practice activities; class dean; organizing the activity of student scientific circles; advising students on writing their graduation papers; conducting contractual and/or non-contractual research
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine (BUASVMT); Faculty of Animal Science and Biotechnologies; 119 Calea Aradului, 300645, Timișoara
Type of business or sector	Education and research

## Work experience Outside University

Dates	2016 - present
Occupation or position held	<b>Expert evaluator</b> for projects in PN III program
Main activities and responsibilities	Evaluation/monitoring of projects submitted under PN III: Subprogram 3.1. Romania-Moldova bilateral cooperation projects, Subprogramme 2.1. Transfer Project to the Economic Operator (PTE-2016), Competitiveness through Research, Development and Innovation Experimental - Demonstration Project (PED-2016) and Innovation Checks (CI 2017-2018). Evaluation of bioengineering projects. Evaluation activities involved the formulation of qualitative and quantitative assessments.
Name and address of employer	Executive Unit for the Financing of Higher Education, Research, Development and Innovation (UEFISCDI), Bucharest
Type of business or sector	Evaluation activities of submitted projects. Bioengineering topics, according to competencies
Dates	2014, 2017
Occupation or position held	<b>Expert evaluator</b> for international projects
Main activities and responsibilities	Evaluator of projects submitted under the Food & Business Global Challenges Program (GCP) and Open Technology Program (OTP). Evaluation of projects with aquaculture themes. The evaluation activities involved the formulation of qualitative and quantitative assessments on some projects submitted in the framework of two calls. Individual online assessment.
Name and address of employer	NWO, Olanda ( <a href="http://www.nwo.nl">http://www.nwo.nl</a> )
Type of business or sector	Evaluation activities of submitted projects. Aquaculture topics, according to competencies
Dates	2002-2011
Occupation or position held	<b>Expert evaluator</b> for projects

Main activities and responsibilities	Evaluator of projects submitted under the Ideas, Capacities and Partnerships programs (PNCDI 2) and type A, AT, T and TD programs (CNCSIS). Evaluation of projects with fish farming and aquaculture themes. The evaluation activities involved the formulation of qualitative and quantitative assessments on the projects submitted in the competitions, by using professional and scientific skills. Individual and panel assessment.
Name and address of employer	Different entities: CNMP, ANCS, UEFISCDI, CNCSIS, București
Type of business or sector	Education and research

### Education and training

Dates	17-20 March 2014
Title of qualification awarded	Certificate of Participation at training courses in „Recirculation technologies in indoor and outdoor system”
Principal subjects/occupational skills covered	Planning an aquaculture operation; Nutrient efficiencies; The indoor and outdoor RAS; Suspended solid removal and control; Gas control in indoor and outdoor systems
Name and type of organisation providing education and training	Wagenigen University and Research Center, Nederland, NARIC-HAKI, Research Institute for Fisheries and Aquaculture, Szarvas, Hungary
Level in national or international classification	Training course
Dates	March 18 2005 – April 23 2005
Title of qualification awarded	Certificate of Graduation
Principal subjects/occupational skills covered	Aquaculture and biotechnologies applied in aquaculture
Name and type of organisation providing education and training	Iowa State University; College of Agriculture (the US)
Level in national or international classification	Fellowship
Dates	2005
Title of qualification awarded	Certificate of Attendance
Principal subjects/occupational skills covered	<i>Environment Control Solutions for Aquaculture</i>
Name and type of organisation providing education and training	<i>CSN-INTRAN (European project), at Research Institute for Fisheries, Aquaculture and Irrigation (HAKI), Ungaria</i>
Level in national or international classification	Training course
Dates	1997 – 2000
Title of qualification awarded	<b>Diploma in Biology – Agricultural Sciences</b>
Principal subjects/occupational skills covered	Biology – Agricultural Sciences
Name and type of organisation providing education and training	USAMVB Timișoara
Level in national or international classification	University degree
Dates	1997

Title of qualification awarded Certificate of higher studies  
 Principal subjects/occupational skills covered *Biotechnologies de Reproduction dans l'Amelioration des trompeaux des Animaux Domestiques*  
 Name and type of organisation providing education and training USAMVB Timișoara  
 Level in national or international classification Interuniversity francophone course (ENSA – Rennes and BUASVMT)

Dates 1993 – 1998

Title of qualification awarded **Doctor in Animal Science**  
 Principal subjects/occupational skills covered Animal Science  
 Name and type of organisation providing education and training USAMVB Timișoara  
 Level in national or international classification PhD degree

Dates 1993

Title of qualification awarded Certificate of higher studies  
 Principal subjects/occupational skills covered *Economie rurale*  
 Name and type of organisation providing education and training USAMVB Timișoara  
 Level in national or international classification Interuniversity francophone course (ENSA – Rennes and BUASVMT)

Dates 1988 – 1992

Title of qualification awarded **Engineer in Animal Science** specialized in Biotechnologies in animal breeding  
 Principal subjects/occupational skills Animal Science, Fish farming  
 Name and type of organisation providing education and training USAMVB Timișoara  
 Level in national or international classification University degree

### Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English, French**

Self-assessment

*European level (\*)*

**English**

**French**

#### Understanding

Listening

(C1)  
Experienced user

(A2) Elementary user

Reading

(B2)  
Independent user

(A2) Elementary user

#### Speaking

Spoken interaction

(C1)  
Experienced user

(A2) Elementary user

Spoken production

(C1)  
Experienced user

(A2) Elementary user

#### Writing

(B2)  
Independent user

(A2) Elementary user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences	I display excellent communication skills at an academic level and generally excellent communication skills in any environment. I find it easy to establish and maintain work relations; I am a pleasant interlocutor; good team worker; available for overtime work; self-possessed; energetic; responsible; sincere; serious.
Organisational skills and competences	<ul style="list-style-type: none"> <li>- 2011- 2015 – President of Trade Union in BUASVMT</li> <li>- 2008 – 2011 – Director of the Quality Assurance Department in BUASVMT</li> <li>- 2004-2008 – Vice Dean of the Faculty of Animal Science and Biotechnologies</li> <li>- 2007 – organizer of the Romanian-American workshop “MANURE MANAGEMENT FOR WATER QUALITY PROTECTION”, USAMVB Timișoara, May 11<sup>th</sup>;</li> <li>- 2004 - 2007 – organizer of annual international symposiums of the Faculty of Animal Science and Biotechnologies from Timișoara;</li> <li>- 2004 - organizer of the 6th International Symposium “Youth in Multidisciplinary Research”, Romania - Serbia &amp; Montenegro - Hungary, BUASVMT, September 23<sup>rd</sup> – 24<sup>th</sup>, Timișoara;</li> <li>- 1998, 2000 – organizer of two editions of the National Symposium „Raising and capitalizing rabbits, fur and hunting animals”, at USAMVB Timișoara.</li> <li>- 1998, 1999, 2000 – Member in the editorial staff of the Scientific papers of the National Symposium „Raising and capitalizing rabbits, fur animals and hunting animals”</li> <li>- 1999, 2002-2005 – Member in the editorial staff of volumes 32, 35, 36, 37 and 38 of Scientific papers Animal Science and Biotechnologies, Timișoara</li> <li>- coordinator of „Biotechnologies applied in aquaculture” compartment, in Excelence Research Center: „Biotechnologies in animal science” at BUASVMT</li> <li>- advisor for 70 graduation papers</li> </ul>
Technical skills and competences	I have made several technical projects for diverse investors in the field of aquaculture, part of these being used for obtaining non-refundable funds
Computer skills and competences	Proficient user of Word for Windows, Excel, Power Point, Adobe Photoshop etc.
Other skills and competences	<ul style="list-style-type: none"> <li>- 2011-2012 – member in National Council for Titles, Diplomas and Certificates (CNATDCU), Order no. 3982/2011;</li> <li>- 2009 – member in Panel 2 „University and knowledge” in the project „Quality and Leadership for the Romanian Higher Education”</li> <li>- scientific referent for 7 scientific books</li> <li>- scientific referent for 6 volumes of Scientific Papers of the Faculty of Animal Science and Biotechnologies</li> <li>- official referent in 9 doctoral committees</li> <li>- evaluator expert UEFISCDI</li> <li>-2018- present -Member in RNE ARACIS (National Register of Experts – Romanian Agency for Quality Assurance in Higher Education)</li> <li>-2021-present -Member of RNE PhD supervisors</li> </ul>
Driving licence	B and C (since 1992)
<b>Additional information</b>	<p><b>Scientific and didactic publications</b></p> <p>165 scientific papers during the entire period of activity, of which 79 are indexed in international databases, 19 in ISI listed/indexed journals; books/courses published in publishing houses: 15, practical work guides: 1, brochures: 1, speciality articles: 43.</p> <p><b>Representative ISI indexed papers (with impact factor/proceedings):</b></p> <ol style="list-style-type: none"> <li>1. V. Igna, A. Telea, T. Florea, R. Popp, A. Grozea, 2022, Evaluation of Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) Semen Quality and Semen Cryopreservation, <i>Animals</i>, 12 (16): 2153, (impact factor 3,231), (Q1), correspondent author, DOI: <a href="https://doi.org/10.3390/ani12162153">https://doi.org/10.3390/ani12162153</a>.</li> <li>2. S. Mihailov, N. Mihoc, D. Lalescu, R. Cristina, S. Voia, A. Grozea, 2020, Could sterlet (<i>Acipenser ruthenus</i>) as polyculture species to positively influence the pikeperch (<i>Sander lucioperca</i>) farming in recirculating aquaculture systems? International Conference "Agriculture for Life, Life for Agriculture", Scientific Papers-Series D-Animal Science, vol 63(2), p. 492-496, WOS:000594991500075, coordinator, link: <a href="http://animalsciencejournal.usamv.ro/pdf/2020/issue_2/vol2020_2.pdf">http://animalsciencejournal.usamv.ro/pdf/2020/issue_2/vol2020_2.pdf</a>.</li> <li>3. R.T. Cristina, M. Baroga, A. Grozea, S.A. Mihailov, N. Sirb Mateoc, E. Dumitrescu, F. Muselin, 2019, An early embryo model of sterlet (<i>Acipenser ruthenus</i>) for the assessment of lead effects, <i>Applied Ecology and Environmental Research</i>, ISSN: 1589-1623; vol. 17(1), p. 917-929, (impact factor 0,712), (Q4), DOI: 10.15666/aeer/1701_917929, WOS:000457598100059, <a href="http://www.aloki.hu/indvol17_1.htm">http://www.aloki.hu/indvol17_1.htm</a>.</li> <li>4. I. Grozea, C. Chis, A. Carabet, A. M. Virteiu, A. Grozea, R. Stef, N. Corcionivoschi, 2017, Mathematical model to analyze the population changes of <i>Diabrotica virgifera</i> in terms of geographical coordinates and climatic factors, <i>Romanian Biotechnological Letters</i>, 22.3, 12630-12640, (impact factor 0,396) (Q4), WOS:000404459100015, <a href="https://e-repository.org/rbl/vol.22/iss.3/15.pdf">https://e-repository.org/rbl/vol.22/iss.3/15.pdf</a>.</li> <li>5. A. Grozea; A. Drașovean; D. Lalescu; D. Gál; L.T. Czister; R.T. Cristina, 2016, The pikeperch (<i>Sander lucioperca</i>)</li> </ol>

- background colour first choice in the Recirculating Aquaculture Systems, *Turkish Journal of Fisheries and Aquatic Sciences*, vol 16, p. 891-897, (impact factor 0,484) (Q3), DOI: 10.4194/1303-2712-v16\_4\_16, WOS:000388312400016, <https://www.trifas.org/abstract.php?id=949>.
6. D.-N. Raba, D.-G. Dumbra v , D.-M. Bordean, C. Moldovan, A. Grozea, 2016, Carotenoids in trout diets, International Multidisciplinary Scientific GeoConference, Conference Proceedings, SGEM, Albena, vol. I, p. 457-462, WOS:000391648800060, link: <https://sgem.org/sgemlib/spip.php?article7912>.
7. C. Mo neang, E. Dumitrescu, F. Muselin, V. Ciulan, A. Grozea, R.T. Cristina, 2015, Use of zebra fish eggs as early indicators of aquatic environment pollution, *Polish Journal of Environmental Studies*, vol. 24(5), p. 2079-2085, (impact factor 0,790) (Q4), DOI: 10.15244/pjoes/58649, WOS:000363005000023, <http://www.pjoes.com/Use-of-Zebra-Fish-Eggs-as-Early-Indicators-of-Aquatic-Environmental-Pollution,58649,0,2.html>.
8. C.L. Mo neang, A. Grozea, E. Dumitrescu, F. Muselin, R.T. Cristina, 2015, A correlation between two different species of fish embryos used in a freshwater qualitative pollution test, *Romanian Biotechnological Letters*, vol. 20(2), p. 10352-10357, (impact factor 0,381), (Q4), WOS:000353965100019, <http://www.rombio.eu/rbl2vol20/21.pdf>.
9. C. L. Mo neang, A. Grozea, I. Oprescu, E. Dumitrescu, F. Muselin, D. G l, R. T. Cristina, 2014, Assessment of 2,4-difluoroaniline aquatic toxicity using a zebra fish (*Danio rerio*) model, *Thai Journal of Veterinary Medicine*, vol. 44(4), p. 445-452, (impact factor 0,123) (Q4), WOS:000346948500005, <http://www.tci-thaijo.org/index.php/tjvm/article/view/25818/21910>.
- 10.G. Dumitrescu, A. Grozea, P. Szilagy , L. Petculescu, I. Grozea, D. Gal, 2014, Natural controlled rearing conditions in pikeperch (*S. luciperca*) fingerlings. A histological approach at the liver and intestine level, *Romanian Biotechnological Letters*, 19,4, (impact factor 0,404), (Q4), WOS:000341970300009, correspondent author, <https://e-repository.org/rbl/vol.19/iss.4/9.pdf>.

### Representative books

1. S. Mihailov, A. Grozea, Polyculture of some fish species within recirculating aquaculture systems, 2020, Eurobit Publishing House, Timi oara, ISBN 978-973-132-715-0,150 p. (coordinator)
2. M. Bura, A. Grozea, D. Lalescu, Constructions and installations in aquaculture, 2015, Agroprint Publishing House, Timi oara, ISBN 978-606-8037-96-7, 422 p.
3. I. Ban tean-Dunea, A.-M. Corpade, A. Grozea, A. Nicolin, C. Corpade, A. Osman, C. Bostan, N.-G. Crista, Synthetic guide for monitoring community fish species in Romania, 2015, Casa Car ii de  tiin a Publishing House, Cluj-Napoca, ISBN 978-606-17-0779-9, 129 p.
4. A. Grozea, B. Korbuly, I. Banatean-Dunea, A. Cean, Presentation manual of some Biotechnologies for the reproduction in pikeperch, 2010, Eurobit Publishing House, ISBN 978-973-620-725-9, 138 p.
5. A. Grozea, Cyprinids farming, Mirton Publishing House, Timisoara, 2007, ISBN 978-973-52-0198-2, 304 p.
6. A. Grozea, M. Bura, Carp farming, 2003, Waldpress Publishing House, Timisoara, ISBN 973-8453-41-0, 212 p.
7. A. Grozea, M. Bura, Carp - Biology, Farming Systems, Pathology, 2002, West Publishing House Timisoara, ISBN 973-36-0359-7, 207 p.
8. M. Bura, A. Grozea, M. Nicula, P. Martin, Special Aquaculture, 2002, University Horizons Publishing House, Timisoara, ISBN 973-8391-02-4, 366 p.
9. M. Bura, E. Cristea, A. Grozea, G. Dumitrescu, P. Martin, Growing and valorizing bizam, 2000, Mirton Publishing House, Timisoara, ISBN 973-585-066-5, 271 p.
10. M. Bura, E. Cristea, A. Grozea, C. Cuci, G. Dumitrescu, I. Luca, 1997, Growing and utilizing nutrients, 1997, Mirton Publishing House, Timisoara, ISBN 973-578-337-1, 181p.
- 11.M. Bura, A. Grozea, I. Cornea, I. Gergen, Carp breeding in reservoirs and ponds, 1995, Mirton Publishing House, Timisoara, ISBN 973-578-015-1, 145 p.

### Director/responsible researchproiecte de cercetare

1. Joint hydrobiology and fish biology research center Szarvas and Timi oara, Hungary-Romania Cross-Border Cooperation Programme 2007-2013, VATI Budapest-Hungary, HURO/0802/037AF, 2011-2013, 352150 Euro
2. Breeding of sturgeons and other predatory freshwater fish species in cages, Hungary-Romania Cross-Border Cooperation Programme 2007-2013, VATI Budapest-Hungary, HURO/0901/119, 2011, 16327 Euro
3. Development of a technology for off-season reproduction of sturgeons farmed in systems with recirculated water, acronym TESAR, PNCDI2, Progr. 4 Partnership PCCA 2013, UEFISCDI, No. 182/ 2014, 2014-2017, 545,000 ron.
4. Elaboration of the integrated management plan for ROSCI0109 Lunca Timi ului and ROSPA0095 Macedonia Forest, POS Environment 2007-2013, code. SMIS-CSNR 36396, FEDR, 2012-2014, 944227 RON.
5. The implementation of breeding biotechnologies in pikeperch, in order to increase the productive potential of this species, acronym SANDERBIOT, PNCDI2, Progr. 4 Partnership, CNMP, 2007-2010, 1304719 RON
6. Creation and optimization of a technology for intensive growth of pikeperch in systems with recirculating water, acronym SANDERTEH, PNCDI2, Progr. 4 Partnership, CNMP, 2007-2010, 1433903 RON.
7. Research and development of a technology for super-intensive fish breeding in a recirculating system with optimization of technological parameters and ensuring sanitary-veterinary protection, PNCDI2, Progr. 4 Partnership, CNMP, 2007-2010, 200,000 RON.
8. Sturgeon production in a highly-intensive system under the conditions of a sustainable management of aquatic resources, CEEEX, module 1, BIOTECH, CNMP, 2006-2009, 1333000 RON.
9. Research on obtaining monosex populations, in order to improve the production results of cyprinid farms by means of biotechnologies, type At, no. 27670/14.03.2005 and no. GR179 of 17.05.2006, CNCSIS, code 9, topic 1, 2005-2007, 17,800 RON.
10. Production of chimeras by means of blastomeres transplantation in carp (*Cyprinus carpio*; family Cyprinidae), type At, CNCSIS, no. 33619/19.07.2002, code 236, theme 4 and no. 33556/ 1.07.2003, code 53, topic 14, 2002-2004, 29,400,000 ROL.
11. Obtaining cattle only of the sex desired by the breeder with the help of DNA samples, type T CNCSIS, World Bank/CNCSIS, no. 40620, code 2, 2001-2002, 40,000 USD.
12. Increasing the competitiveness of SC CompactProduct SRL by making productive investments in aquaculture, Consultancy, POPAM/SC CompactProduct SRL, No. 5599/08.08.2017, contract, 2017-2018, 10100 Euro.
- 13.Hall for breeding sturgeons and setting up a fish pond with an area of 7.1 ha for practicing aquaculture in the Herneacova area, Consultancy, POP/ Group Met-Car SRL, No. 172/14.07.2011, 2011-2013, 10000 Euro.

### Membership of national/international professional associations or organizations

- Romanian Ichthyology Society - president, Timi -Arad branch  
 Network of Central and Eastern European Aquaculture Centers (NACEE) - - member, contact person for BUASVMT 2004-2010  
 World Aquaculture Society - (ID 20070560) 2007-2009, 2015-present

Romanian Society of Animal Husbandry - member of SRZ Timiș - member Timiș branch  
 European Aquaculture Society (ID 9797) 2007-2008  
 Biotechnological Excellence Center in Animal Breeding - head of the Aquaculture department  
 Western Phytosanitary Association - member  
 Institute of Applied Biotechnologies (IBA) Timisoara - member

**Member of the editorial teams or scientific committees/reviewer of some scientific journals**

Aquatic Research, Editorial Board Member,  
 Aquaculture Research, Reviewer  
 Romanian Biotechnological Letters  
 Aquaculture International, Reviewer  
 Journal of Aquaculture & Fisheries, Editorial Board member  
 Scientific Papers Animal Science and Biotechnologies, member of the Scientific Advisory Committee  
 Croatian Journal of Fisheries, Reviewer  
 Aquarium, Conservation & Legislation, member of the Expanded Editorial Board (until 2018)  
 Fishes, Reviewer  
 Sustainability, Reviewer  
 Animals, Reviewer  
 Foods, Reviewer  
 International Journal of Environmental Research and Public Health, Reviewer  
 Archiva Zootechnica, Reviewer  
 Henry Journal of Aquaculture & Technical Development, member in Editorial Board

**Patents:**

1. Augustin Pop, Adrian Grozea, Alfred Francisc Baumchen, Evelin-Anda Laza, 2017, Hatchery facility for the off-season reproduction of sturgeons in recirculated water systems, no. patent application RO132898-A2, published in BOPI no. 11/2018, p. 12
2. Augustin Pop, Constantin P. Stefanov, George Sorin Andrei, Adrian Grozea, 2013, Water reconditioning installation for recirculating aquatic systems, no. patent application RO130193-A2, published in BOPI no. 5/2015, p. 12
3. Adrian Grozea, Ioan Bănățean-Dunea, Petru Szilagy, Ioana Grozea, Silvia Pătruică, Augustin Pop, Petru David, Valentin Popovici, 2012, System with recirculated water for the growth of pikeperch juveniles, No. Patent application RO127154-A2, published in BOPI no. 3/2012, p.12
4. Valentin Petrescu-Mag, Ioan Bud, D. C. Pamfil, R. M. Petrescu-Mag, Adrian Grozea, Marian Bura, D. L. Gorgan, Benone Păsărin, Ioan Bănățean-Dunea, L. R. Lozinsky, R. Hârșan, L. Csep, C. Sisea, V. Coșier, M. Botha, D. C. Petrescu, 2009, Procedure for obtaining a line of guppy ornamental fish, resistant to hyperthermia, Nr. Patent application RO125530-A2, published in BOPI no. 6/2010, p.27
5. Valentin Petrescu-Mag, Ioan Bud, Mălina Ruxandra Petrescu-Mag, Cristian Sisea, Marian Bura, Adrian Grozea, Miklos Botha, Viorica Coșier, 2009, Procedure for obtaining a cryoresistant line in guppy ornamental fish (*Poecilia reticulata*) with applicability in guppy culture, No. Patent application RO123452-B1, published in BOPI no. 5/2009, p.25., date of publication of the mention of the grant of the patent 29.06.2012, in BOPI no. 6/2012.

**Awards, diplomas, distinctions**

Gold medal at the 11th Edition of the "EUROINVENT" Invention Salon, 2019, Iași, Hatchery facility for the off-season reproduction of sturgeons in recirculated water systems  
 Silver medal, Jury Prize INVENT-INVEST 2018, Chisinau, Republic of Moldova, Hatchery facility for the off-season reproduction of sturgeons in recirculated water systems  
 Gold medal at Salon Inventica "Traian Vuia", 3rd edition, 2017, Timișoara, Hatchery facility for the off-season reproduction of sturgeons in recirculated water systems  
 Gold medal at Salon Inventica "Traian Vuia" 2nd edition, 2016, System with recirculated water for the growth of pikeperch juveniles  
 AGEPI medal, special award, at the Traian Vuia International Inventive Salon, 2nd edition, 2016, Timișoara System with recirculated water for the growth of pikeperch juveniles  
 Gold medal, at the Traian Vuia International Invention Exhibition, 1st edition, 2015, Timișoara, Water reconditioning installation for recirculating aquatic systems  
 Gold medal, at the Pro Invent International Invention Fair, XIII edition, 2015, Cluj-Napoca, Water reconditioning installation for recirculating aquatic systems  
 Silver medal at the INVENTICA Exhibition of Inventions and Innovations, ed. 16th, 15-18 Oct. 2014, Bucharest, Romania MEC and ROMEXPO S.A., Water reconditioning installation for recirculating aquatic systems  
 Diploma of excellence and silver medal at the Pro Invent International Invention Show, 8th edition, 2010, Cluj-Napoca, Procedure for obtaining a line of guppy ornamental fish, resistant to hyperthermia  
 Diploma of excellence and gold medal at the Pro Invent International Invention Show, 7th edition, 2009, Cluj-Napoca, Procedure for obtaining a line of guppy ornamental fish, resistant to hyperthermia

20.10.2022

Prof.dr.eng. Adrian Grozea