

Universitatea pentru Științele Vieții „Ion Ionescu de la Brad” din Iași
Facultatea de Medicină Veterinară
Departamentul de Preclinici (IX)
Examen de Promovare în Cariera Didactică pentru Ocuparea Postului de *Conferențiar Universitar*
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Disciplinele: *Medical Genetics and Eredopathology; Genetică Medicală și Eredopatologie*
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cariera didactică, în semestrul II, anul universitar 2022-2023
Candidat: Șef Lucr. Dr. Andrei Cristian GRĂDINARU

Lista completă a lucrărilor publicate

Teza de doctorat:

1. **A.C. Grădinaru, 2010** – *Evaluarea reziduurilor de antibiotice și xenobiotice elementare din lapte și produse de lapte și a riscului lor pentru consumatori*, Facultatea de Medicină Veterinară, UȘAMV Iași (238 pagini)

Cărți și manuale universitare publicate la edituri naționale:

1. **A.C. Grădinaru, Gh. Solcan, E. Guguianu, S.I. Beșchea Chiriac, 2016** – *Toxicologie și toxiinfecții alimentare - Lucrări practice*, ISBN 978-973-147-246-1, Editura *Ion Ionescu de la Brad*, Iași (246 pag., 181,19 pag. în conversie pe format academic)
2. **A.C. Grădinaru, 2017** – *Baze citologice și moleculare în genetica medicală veterinară*, ISBN 978-606-8887-06-7, Editura *Bioflux*, Cluj-Napoca (182 pag., 125,58 pag. în conversie pe format academic)
3. **A.C. Grădinaru, S. Popa, 2017** – *Citogenetică clasică și moleculară - concepte și abordări practice*, ISBN 978-606-8887-16-6, Editura *Bioflux*, Cluj-Napoca (122 pag., 86,76 pag. în conversie pe format academic)
4. I.V. Petrescu-Mag, **A.C. Grădinaru, 2018** – *Ecotoxicologie - lucrări practice*, ISBN 978-606-8887-41-8, Editura *Bioflux*, Cluj-Napoca (124 pag., 83,17 pag. în conversie pe format academic)
5. **A.C. Grădinaru, D.E. Ilie, 2018** – *Analiza hibridologică și moleculară în identificarea genelor și genotipurilor la organismele superioare*, ISBN 978-606-8887-35-7, Editura *Bioflux*, Cluj-Napoca (238 pag., 162,84 pag. în conversie pe format academic)
6. **A.C. Grădinaru, 2023** – *Genetică medicală și eredopatologie*, ISBN 978-606-9736-18-0, Editura *Bioflux*, Cluj-Napoca (313 pag. în format academic)

Capitole în cărți publicate la edituri internaționale:

1. **A.C. Grădinaru, 2017** – *Antibiotics - between usefulness and factors of environmental pressure due to their residues in milk*, In: A.Ozunu, I.A.Nistor, D.C.Petrescu, P.Burny, & R.M.Petrescu-Mag, eds., *Resilient Society*. Environment and Human Action Series, Gembloux, Belgium; Cluj-Napoca, România: *Les Presses Agronomiques de Gembloux* (ISBN 978-2-87016-148-7); *Bioflux* (ISBN 978-606-8887-08-1), pp. 69-79 (8,79 pagini conversie format academic)

Articole științifice:

Articole full-text în reviste ISI

1. **A.C. Grădinaru, O. Popescu, Gh. Solcan, 2010** – *Heavy metal residues in milk from dairy farms of Moldavia, Romania*, Environmental Engineering and Management Journal, 9(7):915-920, ISSN 1582-9596, <https://doi.org/10.30638/eemj.2010.122>, WOS: 000282503800005, **ISI Impact Factor = 1,435 (2010)** (Jurnal în Q4, top 60 pentru categoria „Environmental Sciences”), <https://www.webofscience.com/wos/woscc/full-record/WOS:000282503800005>

2. **A.C. Grădinaru, O. Popescu, Gh. Solcan, 2011** – *Variation analysis of heavy metal residues in milk and their incidence in milk products from Moldavia, Romania*, Environmental Engineering and Management Journal, 10(10):1445-1450, ISSN 1582-9596, <https://doi.org/10.30638/eemj.2011.204>, WOS: 000297703000004, **ISI Impact Factor = 1,004 (2011)** (Jurnal în Q4, top 60 pentru categoria „Environmental Sciences”), <https://www.webofscience.com/wos/woscc/full-record/WOS:000297703000004>
3. **A.C. Grădinaru, D.E. Ilie, Șt. Creangă, 2013** – *Milk protein genetic variants in Romanian Spotted, Holstein Friesian and Montbéliarde cows and some correlations with milk parameters*, Research Journal of Biotechnology, 8(11):3-9, ISSN 2278-4535, WOS: 000325900100002, **ISI Impact Factor = 0,262 (2013)**, <https://www.webofscience.com/wos/woscc/full-record/WOS:000325900100002>
4. **A.C. Grădinaru, D.E. Ilie, Șt. Creangă, 2015** – *The effect of casein genotypes selection on the genetic structure of Romanian Spotted, Holstein Friesian and Montbéliarde cattle populations and the genetic variability of kappa-casein and beta-lactoglobulin in Romanian Grey Steppe*, Research Journal of Biotechnology, 10(5):91-98, ISSN 2278-4535, WOS: 000353582900012, **ISI Impact Factor = 0,242 (2015)**, <https://www.webofscience.com/wos/woscc/full-record/WOS:000353582900012>
5. **D. Simeanu, I.M. Pop, A.C. Grădinaru, C. Simeanu, 2015** – *Ecological vs. conventional broiler chickens system rearing in Romania*, Research Journal of Biotechnology, 10(12):6-13, ISSN 2278-4535, WOS: 000365769300002, **ISI Impact Factor = 0,242 (2015)**, <https://www.webofscience.com/wos/woscc/full-record/WOS:000365769300002>
6. **A.C. Grădinaru, I.V. Petrescu-Mag, F.C. Oroian, C. Balint, I. Oltean, 2018** – *Milk protein polymorphism characterization: a modern tool for sustainable conservation of endangered Romanian cattle breeds in the context of traditional breeding*, Sustainability, 10(2):534, WOS: 000425943100257, eISSN 2071-1050, <https://doi.org/10.3390/su10020534>, **ISI Impact Factor = 2,592 (2018)** (Jurnal în Q2, top 26 pentru categoria „Environmental Studies SSCI”, în Q2, top 64 pentru categoria Environmental Sciences SCIE, în Q3 și Q4, top 1;12 pentru categoria „Green and Sustainable Science and Technology”), <https://www.webofscience.com/wos/woscc/full-record/WOS:000425943100257>
7. **A.C. Grădinaru, Gh. Solcan, M.C. Spataru, L.D. Hrițcu, L.C. Burtan, C. Spataru, 2019** – *The ecotoxicology of heavy metals from various anthropogenic sources and pathways for their bioremediation*, Revista de Chimie, 70(7): 2556-2560, ISSN 0034-7752, WOS: 000485843500052, **ISI Impact Factor = 1,755 (2019)**, <https://www.webofscience.com/wos/woscc/full-record/WOS:000485843500052>
8. **M.C. Spataru, C. Spataru, C. Solcan, A.C. Grădinaru, R.E. Donosă, L.D. Hrițcu, 2019** – *Study of the health effects of red beet juice and asorubine food dyes used in feeding and watering of the animals for experience*, Revista de Chimie, 70(5): 1569-1573, ISSN 0034-7752, WOS: 000470086400011, **ISI Impact Factor = 1,755 (2019)**, <https://www.webofscience.com/wos/woscc/full-record/WOS:000470086400011>
9. **C.M. Grădinaru, A.A. Șerbănoiu, D.T. Babor, G.C. Sârbu, I.V. Petrescu-Mag, A.C. Grădinaru, 2019** – *When agricultural waste transforms into an environmentally friendly material: The case of green concrete as alternative to natural resources depletion*, Journal of Agricultural and Environmental Ethics, 32(1):77-93, ISSN 1187-7863, eISSN 1573-322X, <https://doi.org/10.1007/s10806-019-09768-1>, WOS: 000467100400005, **ISI Impact Factor = 1,464 (2019)** (Jurnal în Q1, top 6 pentru categoria „History and Philosophy of Science - SCIE”, în Q2, top 3 pentru categoria „Ethics - SSCI”, în Q2, top 8 pentru categoria „Agriculture, Multidisciplinary - SCIE”, în Q4, top 4 pentru categoria „Environmental Sciences - SCIE”), <https://www.webofscience.com/wos/woscc/full-record/WOS:000467100400005>
10. **D.E. Ilie, A.E. Mizeranschi, C.V. Mihali, R.I. Neamț, M. Carabaș, A.C. Grădinaru (corresponding author), 2021** – *The effect of genetic variations of Pituitary Transcription Factor 1 (PIT1) on milk performance traits in Romanian cattle*, Revista Română de Medicină Veterinară,

- 31(1):87-92, eISSN 2457-7618, ISSN 1220-3173, WOS 000635732100014 (*Jurnal în categoria „Veterinary Sciences”*),
<https://www.webofscience.com/wos/woscc/full-record/WOS:000635732100014>
11. **A.C. Grădinaru**, I.V. Petrescu-Mag, M.E. Henea, M. Grecu, M.C. Spataru, C. Spataru, S. Popa, **2021** – *A natural opioid drug released by A¹ beta-casein milk protein digestion was reported to be related to various pathologies*, Revista Română de Medicină Veterinară, 31(3):85-90, eISSN 2457-7618, ISSN 1220-3173, WOS:000703199300015, (*Jurnal în categoria „Veterinary Sciences”*),
<https://www.webofscience.com/wos/woscc/full-record/WOS:000703199300015>
 12. M.C. Spătaru, L.D. Hrițcu, **A.C. Grădinaru**, C. Spătaru, **2022** – *The ageing brain impairment and the use of dogs in behavioral studies*, Revista Română de Medicină Veterinară, 32(1):70-74, eISSN 2457-7618, ISSN 1220-3173, WOS:000782272400012 (*Jurnal în categoria „Veterinary Sciences”*) <https://www.webofscience.com/wos/woscc/full-record/WOS:000782272400012>
 13. L.L. Pruteanu, D.S. Bailey, **A.C. Grădinaru**, L. Jäntschi, **2023** – *The biochemistry and effectiveness of antioxidants in food, fruits, and marine algae*, Antioxidants, 12:860, eISSN 2076-3921, <https://doi.org/10.3390/antiox12040860>, WOS:000988283200001, **ISI Impact Factor = 7,675 (2022)** (*Jurnal în Q1, top 4 pentru categoria „Chemistry, Medicinal - SCIE”; în Q1, top 12 pentru categoria „Food Science & Technology – SCIE”; în Q1, top 50 pentru categoria Biochemistry & Molecular Biology - SCIE”*)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000988283200001>
 14. **A.C. Grădinaru**, D.E. Ilie, **2023** – *The NOTCH receptor protein family and its signalling pathways in different molecular mechanisms of normal or pathological functioning*, Revista Română de Medicină Veterinară, 33(1):75-78, eISSN 2457-7618, ISSN 1220-3173, WOS:000974905000013 (*Jurnal în categoria „Veterinary Sciences”*)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000974905000013>
 15. M.C. Spataru, **A.C. Grădinaru** (*corresponding author*), C. Spataru, **2023** – *The suitability of using the ferret as a model organism in biomedical research*, Revista Română de Medicină Veterinară, 33(1): 50-54, eISSN 2457-7618, ISSN 1220-3173, WOS:000974905000008 (*Jurnal în categoria „Veterinary Sciences”*)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000974905000008>
 16. D.E. Ilie, A.E. Mizeranschi, C.V. Mihali, R.I. Neamț, L.T. Csiszter, M. Carabaș, **A.C. Grădinaru** (*corresponding author*), **2023** – *Polymorphism of the Prolactin (PRL) gene and its effect on milk production traits in Romanian cattle breeds*, Veterinary Sciences, 10:275, eISSN 2306-7381, WOS:000979420500001 <https://doi.org/10.3390/vetsci10040275>, **ISI Impact Factor = 2,518 (2022)** (*Jurnal în Q2, top 1 pentru categoria „Veterinary Sciences - SCIE”*)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000979420500001>

**Articole publicate în abstract în reviste ISI cu factor de impact
 (Meeting Abstracts)**

1. D.E. Ilie, Șt. Creangă, **A.C. Grădinaru**, S.I. Borș, D.L. Dascălu, D. Chirilă, A. Cean, **2014** – *Genetic diversity of Romanian Grey Steppe cattle based on milk protein polymorphism*, Journal of Biotechnology, 185S:S49, ISSN 0168-1656, eISSN 1873-4863, <https://doi.org/10.1016/j.jbiotec.2014.07.165>, WOS: 000350032000144, **ISI Impact Factor = 2,884 (2014)**, (*Jurnal în Q2, top 36 pentru categoria „Biotechnology & Applied Microbiology”*),
<https://www.webofscience.com/wos/woscc/full-record/WOS:000350032000144>
2. M.A. Davidescu, **A.C. Grădinaru**, M. Ciorpac, M. Henea, Șt. Creangă, **2021** – *Genetic markers in the study of threatened with extinction cattle breeds*, Biotechnology & Biotechnological Equipment, 35(sup1):S102, ISSN 1310-2818, eISSN 1314-3530, <https://doi.org/10.1080/13102818.2020.1871545>, WOS:000622161800001, **ISI Impact Factor = 1,762 (2021)** (*Jurnal în Q4, top 24 pentru categoria „Biotechnology & Applied Microbiology”*)
<https://www.webofscience.com/wos/woscc/full-record/WOS:000622161800001>

**Articole full-text publicate în volume ale unor conferințe internaționale indexate ISI
(ISI Proceedings Papers)**

1. C.M. Helepciuc, D. Babor, **A.C. Grădinaru** (corresponding author), **2018** – *Poly-ethylene terephthalate waste recycling for environment protection and sustainable building activities*, 17th International Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, pp.285-290, 22nd-23rd March 2018, Oradea, România, ISBN 978-88-87729-49-8, WOS: 000491484600049, Current Publisher: Editografica SRL, INTL Proceedings DIV, <https://www.webofscience.com/wos/woscc/full-record/WOS:000491484600049>
2. **A.C. Grădinaru**, C.M. Helepciuc, V. Ciocan, I. Radinschi, **2018** – *Choosing a teaching career in higher education – a challenge of motivational and non-motivational factors*, 11th Annual International Conference of Education, Research and Innovation (ICERI), pp. 562-566, 12-14th November 2018, Seville, Spain, ISBN 978-84-09-05948-5, ISSN 2340-1095, <http://dx.doi.org/10.21125/iceri.2018.1116>, WOS: 000562759300081, Current Publisher: IATED-INT Assoc Technology Education & Development, <https://www.webofscience.com/wos/woscc/full-record/WOS:000562759300081>
3. M.A. Davidescu, **A.C. Grădinaru**, Șt. Creangă, **2019** – *Endangered Romanian cattle breeds-between traditional breeding and genetic conservation*, Proceedings of the International Scientific Congress „Life sciences, a challenge for the future”, Editor: Liviu Dan Miron, Filodiritto International Proceedings, Filo Diritto Editore, pp. 339-349, 17-18 October 2019, Iași, România, ISBN 978-88-85813-63-2, WOS:000747623800057, <https://www.webofscience.com/wos/woscc/full-record/WOS:000747623800057>

Articole publicate în volume ale unor congrese/conferințe internaționale pe domenii (cu ISBN/ISSN)

1. **A.C. Grădinaru**, Șt. Creangă, H.R. Brandt, G. Erhardt, **2012** – *Genetic polymorphism of milk protein loci in Holstein Friesian and Montbéliarde Romanian cattle populations*, The 25th International Conference „Genetic Days”, 18-20 September 2012, Wroclaw, Poland, ISBN 978-83-935303-0-4
2. C.M. Helepciuc, M. Bărbuță, V. Ciocan, A.A. Șerbănoiu, **A.C. Grădinaru**, **2017** – *Health and environmental effects of heavy metals resulted from fly ash and cement obtaining and trials to reduce their pollutant concentration by a process of combining-exclusion*, 17th International Multidisciplinary Scientific Geoconference SGEM, Conference Proceedings Volume 17: *Ecology, Economics, Education and Legislation*, Issue 52: Ecology and Environmental Protection, pp.441-447, 29 June-05 July 2017, Albena, Bulgaria, ISBN 978-619-7408-09-6, ISSN 1314-2704
3. C.M. Helepciuc, M. Bărbuță, E. Antohie, D. Babor, A.A. Șerbănoiu, **A.C. Grădinaru**, **2018** – *Environmental ethics and sustainable development in building industry: a case study of agricultural waste using as an alternative to natural resources depleting*, 12th International Conference: *Environmental Legislation, Safety Engineering and Disaster Management (ELSEDIMA)*, Faculty of Environmental Science and Engineering, Babeș-Bolyai University, 17-19 May 2018, Cluj-Napoca, România, eISBN 978-606-8887-27-2
4. M.A. Davidescu, **A.C. Grădinaru**, Șt. Creangă, **2020** – *Genetic markers associations in endangered cattle breeds to resistance on environmental conditions*, 5th International Conference on Chemical Engineering (ICCE 2020), p.76, 28-30 October, Iași, România
5. M.C. Spataru, A. Moldoveanu-Gașcu, **A.C. Grădinaru**, C. Spataru, C. Chrituță, **2021** – *The impact of animal experimentation on Romanian youth*, 14th International Conference of Education, Research and Innovation, ICERI 2021 Proceedings, pp.682-690, 8th-9th November 2021, Seville, Spain, ISBN 978-84-09-34549-6, ISSN 2340-1095, <http://dx.doi.org/10.21125/iceri.2021.0219>
6. **A.C. Grădinaru**, M.C. Spataru, G. Pavel, **2021** – *The importance of objective evaluations in stimulating fair competitiveness in higher veterinary education*, 14th International Conference of

Education, Research and Innovation, ICERI 2021 Proceedings, pp.1661-1665, 8-9th November 2021, Seville, Spain, ISBN 978-84-09-34549-6, ISSN 2340-1095, <http://dx.doi.org/10.21125/iceri.2021.0453>

7. G. Pavel, A.C. Grădinaru, 2021 – *Online activities during pandemic COVID-19 and their fitness to the aim of veterinary medical education*, 14th International Conference of Education, Research and Innovation, ICERI 2021 Proceedings, pp.2560-2564, 8th-9th November 2021, Seville, Spain, ISBN 978-84-09-34549-6, ISSN 2340-1095, <http://dx.doi.org/10.21125/iceri.2021.0647>
8. A.C. Grădinaru, R. Vartic, G. Pavel, 2022 – *The advantage of selection of candidates in higher education through a competence-based knowledge system*, 16th International Technology, Education and Development Conference, INTED 2022 Proceedings, pp.3079-3082, 7th-8th March 2022, Seville, Spain, ISBN 978-84-09-37758-9, ISSN 2340-1079, <http://dx.doi.org/10.21125/inted.2022.0866>
9. M.C. Spataru, O.R. Rusu, A.C. Grădinaru, 2022 – *Assessing the students' expectations – a keynote in higher education for evolution through adaptation*, 16th International Technology, Education and Development Conference, INTED 2022 Proceedings, pp.3099-3107, 7th-8th March 2022, Seville, Spain, ISBN 978-84-09-37758-9, ISSN 2340-1079, <http://dx.doi.org/10.21125/inted.2022.0870>

Articole publicate în abstract alte tipuri de manifestări științifice

1. A.C. Grădinaru, S. Popa, E.V. Gorduza, 2019 – *A¹ beta-casein and the resulted beta-casomorphin-7 effects on human health*, Meeting of the Romanian Society of Neurogastroenterology, 7-9 November, Iași, România, p.31
2. S. Popa, A.C. Grădinaru, E.E. Braha, L. Caba, M. Panzaru, L. Butnariu, E.V. Gorduza, 2019 – *Syndromic hyperbilirubinemas: classification and the current state of art*, Meeting of the Romanian Society of Neurogastroenterology, 7-9 November, Iași, România, p.33-34
3. M.A. Davidescu, A.C. Grădinaru, Șt. Creangă, 2019 – *Endangered Romanian cattle breeds-between traditional breeding and genetic conservation*, International Scientific Symposium: „Modern animal husbandry – Food safety and durable development”, 17-18 October 2019, Iași, România, p.34

Articole publicate în reviste indexate BDI

1. A.C. Grădinaru, R. Lazăr, O. Popescu, P.C. Boișteanu, L. Dohotariu, 2007 – *Evaluation of the open market milk quality by measurement of some physico - chemical parameters*, Lucr.Științ.Med.Vet., 50 (9):173-176, eISSN 2393-4603, ISSN 1454-7406
2. A.C. Grădinaru, M.S. Voloșeniuc, M. Sofronie, E. Ruginosu, L.Gh. Runcanu, O. Popescu, 2007 – *Observații comparative privind incidența mastitelor la vaci*, Rev.Rom.Med.Vet., 3:161-170, eISSN 2457-7618, ISSN 1220-3173
3. A.C. Grădinaru, S. Havriștiuc, O. Popescu, 2009 – *Evaluarea incidenței reziduurilor de antibiotice din lapte și a influenței lor asupra unor indici de calitate ai laptelui-materie primă ca parte a aplicării principiilor HACCP*, Lucr.Științ.Med.Vet., 52(11):947-949, eISSN 2393-4603, ISSN 1454-7406
4. A.C. Grădinaru, Gh. Solcan, A. Munteanu, O. Popescu, 2009 – *Evaluarea unor reziduuri de xenobiotice elementare (Pb, Cu, Cd, Zn) în laptele de colectură recoltat din zona Moldovei*, Lucr.Științ.Med.Vet., 52(11):950-952, eISSN 2393-4603, ISSN 1454-7406
5. A. Munteanu, A.C. Grădinaru, Gh. Solcan, 2009 – *Observații privind prezența reziduurilor de pesticide organoclorurate în lapte în zona Moldovei*, Lucr.Științ.Med.Vet., 52(11):1011-1013, eISSN 2393-4603, ISSN 1454-7406
6. A.C. Grădinaru, T. Bugeac, 2011 – *Epidemiological observations on the subclinical mastitis incidence and other diseases in correlation with some productive indicators of Holstein Frisian*

- cows with first lactation finished*, Lucr.Științ.Med.Vet., 54(3):79-86, eISSN 2393-4603, ISSN 1454-7406
7. **A.C. Grădinaru**, O. Popescu, Gh. Solcan, **2011** – *Antibiotic residues in milk from Moldavia, Romania*, HVM Bioflux, 3(2):133-141, eISSN 2066-7663, ISSN 2066-7655
 8. **A.C. Grădinaru**, O. Popescu, Șt. Creangă, **2012** – *Correlations between kappa-casein and beta-lactoglobulin genotypes and mastitis incidence in Holstein Friesian and Montbéliarde Romanian cattle populations*, Lucr.Științ.Med.Vet., 55(3-4):566-573, eISSN 2393-4603, ISSN 1454-7406
 9. **A.C. Grădinaru**, O. Popescu, Șt. Creangă, **2012** – *The subclinical mastitis effect on milk quality from primiparous Holstein Friesian Romanian cattle populations*, Lucr.Științ.Med.Vet., 55(3-4):559-565, eISSN 2393-4603, ISSN 1454-7406
 10. D.E. Ilie, A. Cean, O.I. Gavrițiu, A.C. Cârstea, **A.C. Grădinaru**, **2013** – *High-Resolution Melting Assay as a tool for identification of CSN3 genotypes in cattle population*, Scientific Papers: Animal Science and Biotechnologies, Timișoara, 46(1):102-105, eISSN 2393-4603, ISSN 1454-7406
 11. **A.C. Grădinaru**, D.E. Ilie, Șt. Creangă, **2014** – *Genetic diversity and phylogenetic relationships based on milk protein genetic variants in Romanian Spotted, Holstein Friesian and Montbéliarde cows*, Lucr.Științ.Seria Zootehnie, 61(19):35-38, eISSN 2067-2330, ISSN 1454-7368
 12. **A.C. Grădinaru**, Șt. Creangă, Gh. Solcan, **2015** – *Milk - a review on its synthesis, composition, and quality assurance in dairy industry*, HVM Bioflux, 7(3):173-177, eISSN 2066-7663, ISSN 2066-7655
 13. C. Simeanu, B. Păsărin, D. Simeanu, **A.C. Grădinaru**, **2015** – *Polyodon spathula - a review on its biodiversity, meat quality, and environmental impact in Romania*, AACL Bioflux, 8(6):952-959, eISSN 1844-9166, ISSN 1844-8143
 14. **A.C. Grădinaru**, Șt. Creangă, S.I. Săplăcan, Gh. Solcan, **2015** – *Quality management for safety food and healthy consumers*, Lucr.Științ.Seria Zootehnie, 64(20):149-153, eISSN 2067-2330, ISSN 1454-7368
 15. C. Simeanu, D. Simeanu, **A.C. Grădinaru**, **2015** – *The assessment of Polyodon spathula growing technology in their different ages of life*, Lucr.Științ.Seria Zootehnie, 64(20):124-129, eISSN 2067-2330, ISSN 1454-7368
 16. **A.C. Grădinaru**, I.V. Petrescu-Mag, **2017** – *Various traits in rabbits were reported to inherit according to a linkage relation among loci. A review study focused on Albinism and Dominant White Spotting loci*, Rabbit Genetics, 7(1):7-11, ISSN 2248-3098
 17. **A.C. Grădinaru**, **2017** – *The Transylvanian Giant Rabbit: an efficient selection for qualitative and quantitative genetic traits*, Rabbit Genetics, 7(1):1-6, ISSN 2248-3098
 18. **A.C. Grădinaru**, **2017** – *Milk processing involves biochemical reactions and is influenced by genetic polymorphism in major proteins*, ABAH Bioflux, 9(1):13-21, eISSN 2067-6344, ISSN 2066-7612
 19. **A.C. Grădinaru**, **2017** – *Is there possible a milk improvement in Romanian Buffalo using genetic markers?*, ABAH Bioflux, 9(1):9-12, eISSN 2067-6344, ISSN 2066-7612
 20. **A.C. Grădinaru**, **2017** – *Cows' mastitis and its therapeutics: A survey study*, ABAH Bioflux, 9(2):77-82, eISSN 2067-6344, ISSN 2066-7612
 21. M.A. Davidescu, Șt. Creangă, M.E. Henea, **A.C. Grădinaru** (corresponding author), **2020** – *Agriculture and milk production in Romania - retrospectives and trends in the European context*, AAB Bioflux, 12(2):58-66, ISSN 2066-7639
 22. M.A. Davidescu, C. Pascal, **A.C. Grădinaru**, D. Simeanu, V. Maciuc, Șt. Creangă, **2020** – *Analytical methods based on mass spectrometry used in genomic, proteomic and metabolomic studies*, Scientific Papers - Animal Science Series, 74(25):10-14, eISSN 2067-2330, ISSN 1454-7368
 23. M.E. Henea, M. Grecu, **A.C. Grădinaru** (corresponding author), Gh. Solcan, **2020** – *Incidence, genetic predisposition, and recovery by physiotherapy of orthopedic disorders in dogs and cats*, HVM Bioflux, 12(4):172-179, eISSN 2066-7663, ISSN 2066-7655

24. M.E. Henea, M. Grecu, **A.C. Grădinaru** (*corresponding author*), Gh. Solcan, **2020** – *Neurological disorders in dogs and cats and their physiotherapy: incidence, genetic predisposition, recovery*, HVM Bioflux, 12(4):180-186, eISSN 2066-7663, ISSN 2066-7655
25. M.E. Henea, M. Grecu, **A.C. Grădinaru** (*corresponding author*), Gh. Solcan, **2020** – *Genetic diversity in Babesia canis and associated comorbidities can be fatal in dogs' babesiosis - a case study*, Lucrări Științifice Seria Medicină Veterinară, 63(1):47-52, eISSN 2393-4603, ISSN 1454-7406
26. M. Grecu, O.R. Rusu, C. Rîmbu, I. Mihai, **A.C. Grădinaru**, M.E. Henea, **2020** – *Diagnostic methods and therapeutic options in dog skin allergies - a short review*, Lucrări Științifice Seria Medicină Veterinară, 63(3):207-218, eISSN 2393-4603, ISSN 1454-7406
27. M.E. Henea, M. Grecu, **A.C. Grădinaru** (*corresponding author*), **2020** – *A congenital numerical anomaly of 8 lumbar vertebrae in dogs: a case report*, ABAH Bioflux, 12(2):93-97, eISSN 2067-6344, ISSN 2066-7612
28. **A.C. Grădinaru**, O.R. Rusu, M.A. Davidescu, **2020** – *Investigations on milk quality management by risk assessment within the HACCP system*, ABAH Bioflux, 12(1):20-25, eISSN 2067-6344, ISSN 2066-7612
29. **A.C. Grădinaru**, M.A. Davidescu, I.V. Petrescu Mag, **2020** – *DNA methylation - a common denominator in transcriptional repression, genome imprinting, X - inactivation, and carcinogenesis*, HVM Bioflux, 12(4):193-197, eISSN 2066-7663, ISSN 2066-7655
30. **A.C. Grădinaru**, A.E. Mizeranschi, C.V. Mihali, R.I. Neamț, V. Găină, M. Carabaș, D.E. Ilie, **2020** – *Leptin gene polymorphism in Romanian cattle breeds and associations with milk production traits*, ABAH Bioflux, 12(2):76-85, eISSN 2067-6344, ISSN 2066-7612
31. **A.C. Grădinaru**, M.E. Henea, I. Mihai, M. Grecu, G. Pavel, **2020** – *Metallic implants in biomedical applications - a challenge between toxicological risks and benefits*, HVM Bioflux, 12(4):198-203, eISSN 2066-7663, ISSN 2066-7655
32. **A.C. Grădinaru**, **2021** – *A review on As (Est-2) autosomal locus in the rabbit and the heritable condition of different pharmacological response to atropine*, Rabbit Genetics, 11(1):2-9, ISSN 2248-3098
33. **A.C. Grădinaru**, **2021** – *Different drug-processing enzymes with atropine- and cocainesterase activities reported in rabbits and humans*, Rabbit Genetics, 11(1):10-15, ISSN 2248-3098
34. **A.C. Grădinaru**, **2021** – *Some genetic interventions in organophosphates and other insecticides metabolism*, ABAH Bioflux, 13(1):31-37, eISSN 2067-6344, ISSN 2066-7612
35. M.A. Davidescu, **A.C. Grădinaru**, C. Pascal, D. Simeanu, V. Maciuc, M. Ivancia, Șt. Creangă, **2021** – *Analysis of the mitochondrial genome in Podolian cattle breeds*, Scientific Papers: Animal Science and Biotechnologies, 54(2):55-59, (e)ISSN 1841-9364
36. **A.C. Grădinaru**, D.E. Ilie, **2022** – *Molecular insights into PRL and PRLR genes' influence on milk obtaining – a review*, ABAH Bioflux, 14(1):12-17, eISSN 2067-6344, ISSN 2066-7612

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Șef Lucr. Dr. Andrei Cristian GRĂDINARU