

IOSUD - UNIVERSITATEA „DUNĂREA DE JOS” DIN GALAȚI

Memoriul științific al studentului doctorand

MEMORIU ȘTIINȚIFIC

Drd. CS ing. Prodan B. Viorica (Savin)

Studii de doctorat

Perioada: 01.10.2019 – 10.03.2026

Conducător științific: Prof. univ. dr. ing. Victor Cristea

Domeniul de doctorat: Inginerie Industrială

Titlul tezei de doctorat: *Compuși vegetali biologic activi și probiotice cu beneficii pentru bunăstarea animală în sistemele recirculante de acvacultură industrială*

Activitate științifică

A. Lista de lucrări științifice (articole în reviste sau volume)

A.1. Articole științifice publicate în reviste cotate/indexate ISI

1. **Savin, V.**, Tenciu, M., Dima, F. M., Patriche, N., Lacatus, M. F., Coman, E. I., Cristea, V., *Influence of probiotic diets on the growth and well-being of Acipenser baerii species in a recirculating aquaculture system*, Scientific Papers. Series D. Animal Science, 67(2), 2024, 631–637. Factor de Impact: 0.4 https://animalsciencejournal.usamv.ro/pdf/2024/issue_2/Art79.pdf
2. Constandache, G., Dima, F. M., Tenciu, M., Grecu, I., **Savin, V.**, Dediu, L., *Reviewing the positive impact of spirulina on the health of fish*, Scientific Papers. Series D. Animal Science, 67(2), 2024, 535–544. Factor de Impact: 0.4 https://animalsciencejournal.usamv.ro/pdf/2024/issue_2/Art69.pdf
3. **Savin, V.**, Dima, F. M., Tenciu, M., Patriche, N., Popa, M. D., Cristea, V., *Evaluation of the haematological profile and biochemical indices in the blood of common carp (Cyprinus carpio), as response to supplementing their diet with phytogetic compounds*, Scientific Papers. Series D. Animal Science, 66(1), 2023, 631–636. Factor de Impact: 0.3 https://animalsciencejournal.usamv.ro/pdf/2023/issue_1/Art82.pdf
4. Popa, M. D., **Savin, V.**, Simionov, I. A., Lăcătuș, F., Coman, E. I., Oancea, E. C., Dima, F. M., Patriche, N., Iticescu, C., *The influence of rearing conditions on growth, meat quality and mortality of Acipenser ruthenus*, Scientific Papers. Series D. Animal Science, 66(1), 2023, 621–630. Factor de Impact: 0.3 https://animalsciencejournal.usamv.ro/pdf/2023/issue_1/Art81.pdf
5. **Savin, V.**, Mocanu, E., Dima, F., Patriche, N., Popa, M. D., Cristea, V., *Research on the Fulton condition factor, the hepato-somatic index and the biochemical composition of carp (Cyprinus carpio) from 3 different sources, in Romania*, Scientific Papers. Series D. Animal Science, 65(2), 2022, 409–414. Factor de Impact: 0.4 https://animalsciencejournal.usamv.ro/pdf/2022/issue_2/Art60.pdf
6. Mocanu, E. E., **Savin, V.**, Popa, M. D., Dima, F. M., *The Effect of Probiotics on Growth Performance, Haematological and Biochemical Profiles in Siberian Sturgeon (Acipenser baerii Brandt, 1869)*, Fishes, 7(5), 2022, 239. Factor de Impact: 3.170 <https://doi.org/10.3390/fishes7050239>
7. Mocanu, E., Dima, M., **Savin, V.**, Popa, M. D., Patriche, N., *The effect of diets with added grape marc on growth parameters and meat quality of carp (Cyprinus carpio)*, Scientific Papers. Series D. Animal Science, 65(2), 2022, 449–455. Factor de Impact: 0.4 https://animalsciencejournal.usamv.ro/pdf/2022/issue_2/Art66.pdf
8. Mocanu, E. E., Dima, F. M., **Savin, V.**, Popa, M. D., *Maintenance status, haematological profile, and blood biochemistry of common carp (Cyprinus carpio) fed on diets with added grape marc*, Revista Romana de Medicină Veterinară, 32(1), 2022, 63–69. Indexed ISI: Web of Science – ESCI – Clarivate Analytics https://agmv.ro/wp-content/uploads/2022/04/63_69_Eugenia-Mocanu_7.pdf



9. Popa, M. D., Mocanu, E., **Savin, V.**, Dima, F., Patriche, N., *Macronutrients modification in the muscle of common carp (Cyprinus carpio) during winter*. Scientific Papers. Series D. Animal Science, 665(1), 2022, 648–653. Factor de Impact: 0.4
https://animalsciencejournal.usamv.ro/pdf/2022/issue_1/Art89.pdf

A.2. Articole științifice publicate în reviste cotate/indexate ISI PROCEEDINGS:

1. Mocanu, E., Athanasopoulos, L., Patriche, N., Tenciu, M., **Savin, V.**, & Popa, M. D., *The influence of the disease state on the maintenance status for rainbow trout*. Proceedings of the International Scientific Congress – Life Sciences, a Challenge for the Future, 2019, 294–299.
<https://www.uaiasi.ro/congres/fisiere/Volum-Congres-2019.pdf>

A.3. Articole științifice publicate în reviste BDI:

1. Bejenariu, I., Dima, F. M., Nistor, V., Sîrbu, E., **Savin, V.**, Athanasopoulos, L. B., *The influence of light intensity on hematological indicators of juvenile carp reared in a recirculating system*, Animal & Food Sciences Journal, 84(8), 2025, 108–117, https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_84/I_Bejenaru.pdf
2. Athanasopoulos, L.B., Dima, F. M., Tenciu, M., Nistor, V., Bejenariu, I., **Savin, V.**, Sîrbu, E., Stroe, M.D., *Preliminary assessment of the potential to partially substitute fish meal in the diet of catfish (Silurus glanis Linnaeus, 1758)*, Animal & Food Sciences Journal, 84(8), 2025, 136–143, https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_84/L_Athanasopoulos.pdf
3. Dima, F. M., Nistor, V., Tenciu, M., Sîrbu, E., Chioveanu, M. C., **Savin, V.**, Athanasopoulos, L. B., Roman, M., *Sturgeon broodstock rearing in floating cages for adaptability to climate change conditions*. Animal & Food Sciences Journal, 82(6), 2024, 228–234.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_82/F_Dima.pdf
4. **Savin, V.**, Cristea, V., Mocanu, E., Dima, F., Popa, M. D., Patriche, N., *Efficiency of probiotics in carp (Cyprinus carpio) growth in the aquaculture recirculating system*. Animal & Food Sciences Journal Iasi, 77(1), 2022, 269–273. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_77/V_Savin-2.pdf
5. **Savin, V.**, Mocanu, E., Dima, F., Patriche, N., Popa, M. D., Cristea, V., *Influence of Phytogenic Additives on Growth Parameters and Meat Biochemistry in Cyprinus carpio*. Scientific Papers: Animal Science and Biotechnologies, 2022(2), 2022, 55.
https://www.spasb.ro/index.php/public_html/article/download/66/49
6. **Savin, V.**, Mocanu, E., Stroe, M. D., Popa, M. D., Savin, C., *Attempts to rear salmon fry in recirculating aquaculture systems*. Animal & Food Sciences Journal Iasi, 77(1), 2022, 246–250.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_77/V_Savin-1.pdf
7. Mocanu, E. E., Dima, F. M., **Savin, V.**, Popa, M. D., *Seasonal Changes in Blood Parameters in Juvenile Cyprinus carpio*. Scientific Papers: Animal Science and Biotechnologies, 55(1), 2022, 177–182.
https://spasb.ro/index.php/public_html/article/view/122/103
8. Mocanu, E., Dima, F. M., **Savin, V.**, Popa, M. D., *Influence of enzyme and phytoadditive diets on growth performance and maintenance status of Siberian sturgeon (Acipenser baerii, Brandt, 1869)*. Animal & Food Sciences Journal Iasi, 77(1), 2022, 82–88.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_77/E_Mocanu-2.pdf
9. Popa, M. D., Mocanu, E. E., **Savin, V.**, Stroe, D., Dima, F., Patriche, N., *The influence of wintering on macronutrients in fish meat, in species from a wild habitat*. Scientific Papers: Animal Science and Biotechnologies, 55(2), 2022, 55. https://spasb.ro/index.php/public_html/article/view/65/48
10. Popa, M. D., Mocanu, E., **Savin, V.**, Dima, F., *Capacity of Lemna minor for nitrogen bioaccumulation from wastewater of a recirculating aquaculture system*. Animal & Food Sciences Journal Iasi, 77(1), 2022, 240–245. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_77/MD_Popa.pdf
11. Mocanu, E., Dima, F. M., Patriche, N., **Savin, V.**, Popa, M. D., *Effect of digestive enzymes and phytoadditives on haematological parameters and fatty acid composition of Siberian sturgeon meat (Acipenser baeri) reared in recirculating system*. Scientific Papers-Animal Science Series, 76(26), 2021, 97–103. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_76/Elena_Mocanu.pdf



12. Mocanu, E., Dima, F. M., **Savin, V.**, Popa, M. D., *The effect of vitamins and propolis on the larvae of Acipenser ruthenus*. Animal & Food Sciences Journal Iasi, 77(1), 2021, 29–33. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_77/E_Mocanu-I.pdf
13. Mocanu, E. E., **Savin, V.**, Popa, M. D., Stroe, D., *Biochemical Composition of Indigenous and Imported Trout and Salmon*. Scientific Papers: Animal Science and Biotechnologies, 54(2), 2021, https://spasb.ro/index.php/public_html/article/view/810/761
14. Popa, M. D., Mocanu, E., **Savin, V.**, *Phytoremediation of Danube water, as a supply source for a recirculating aquaculture system, through the use of Lemna minor*. Scientific Papers-Animal Science Series, 76(26), 2021, 40–44. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_76/MD_Popa.pdf
15. Savin, C., Mocanu, E., **Savin, V.**, *Fish food security and consumer perception of fish consumption*. Scientific Papers-Animal Science Series, 76(26), 2021, 107–112. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_76/C_Savin.pdf
16. Stroe, M. D., Crețu, M., Ion, G., Mirea, D., **Savin, V.**, Tenciu, M., Patriche, N., *Population structure and growth parameters of Alosa immaculata species, Bennett, 1835 (Pontic shad) on the Danube sector km 169 - km 197 in 2020*. Scientific Papers-Animal Science Series, 75(26), 2021, 265–270. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_75/Desimira_Stroe.pdf
17. **Savin, V.**, Mocanu, E., Patriche, N., Tenciu, M., Savin, C., Stroe, D., Popa, D., Năstase, G., *Study on the maintenance status and biochemistry of pontic shad Alosa immaculata (Bennet, 1835) during migration*. Scientific Papers-Animal Science Series, 74(25), 2020, 146–150. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_74/Viorica_Savin.pdf
18. Mocanu, E., Patriche, N., Tenciu, M., **Savin, V.**, Popa, M. D., *Stimulating disease resistance for common carp (Cyprinus carpio) reared in recirculating system, by utilising feeding diets supplemented with fatty acids*. Scientific Papers-Animal Science Series, 74(25), 2020, 116–123. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_74/Elena_Mocanu.pdf
19. Popa, M. D., Tenciu, M., Patriche, N., Mocanu, E., **Savin, V.**, Stroe, D., *Maintenance status of rainbow trout (Oncorhynchus mykiss) reared in recirculating system and in earth ponds*. Scientific Papers-Animal Science Series, 74(24), 2020, 124–127. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_74/MD_Popa.pdf
20. **Savin, V.**, Patriche, N., Mocanu, E., Tenciu, M., Lăcătuș, M., Popa, D., Savin, C., *The effect of Saccharomyces boulardii yeast feed supplementation on growth parameters and biochemical composition of carp (Cyprinus carpio)*. Scientific Papers-Animal Science Series, 72(24), 2019, 188–192. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_72/Viorica_Savin.pdf
21. Mocanu, E., Patriche, N., Tenciu, M., Popa, M. D., **Savin, V.**, Eșanu, V., *The influence of production systems on the nutritional value of common carp and Asian cyprinids*. Scientific Papers-Animal Science Series, 72(24), 2019, 165–169. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_72/Elena_Mocanu.pdf
22. Tenciu, M., Mocanu, E. E., Nistor, V., Lăcătuș, M. F., Athanasopoulos, L. B., Stroe, M. D., **Savin, V.**, Anghelută, A. I., Patriche, N., *Characterization of phytoplankton communities in rearing ponds of one summer old fish from Brates Lake*, Scientific Papers-Animal Science Series, 74(24), 2019, 170–173. https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_72/Magdalena_Tenciu.pdf

B. Participări la conferințe/workshop-uri

1. Bejenariu, I., Dima, F. M., Nistor, V., Sîrbu, E., **Savin, V.**, Athanasopoulos, L. B., *The influence of light intensity on hematological indicators of juvenile carp reared in a recirculating system, International congress "Life Sciences, Today for Tomorrow", Iasi University of Life Sciences, Romania, 23 – 24 Octombrie 2025*. <https://iulscongres.ro/wp-content/uploads/2025/10/BROSURA-REZUMATE-IULS-2025-final-22.10.25.pdf>
2. Athanasopoulos, L.B., Dima, F. M., Tenciu, M., Nistor, V., Bejenariu, I., **Savin, V.**, Sîrbu, E., Stroe, M.D., *Preliminary assessment of the potential to partially substitute fish meal in the diet of catfish (Silurus glanis Linnaeus, 1758), International congress "Life Sciences, Today for Tomorrow", Iasi University of Life Sciences, Romania, 23 – 24 Octombrie 2025*. <https://iulscongres.ro/wp->



content/uploads/2025/10/BROSURA-REZUMATE-IULS-2025-final-22.10.25.pdf

3. Dima, F. M., Nistor, V., Tenciu, M., Sîrbu, E., Chioveanu, M. C., **Savin, V.**, Athanasopoulos, L. B., Roman, M., Surgeon broodstock rearing in floating cages for adaptability to climate change conditions [oral presentation]. *International congress "Life Sciences, Today for Tomorrow", Iasi University of Life Sciences, Romania, 24 - 25 Octombrie 2024.* <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-REZUMATE-2024.pdf>
4. **Savin, V.**, Tenciu, M., Dima, F. M., Patriche, N., Lacatus, M., Coman, E. I., Cristea, V., The Influence of Probiotic Diets on the Growth and Well-being of *Acipenser baerii* species in a Recirculating Aquaculture System [poster presentation]. *The International Conference "Agriculture for Life, Life for Agriculture", USAMV București, 6 - 8 Iunie 2024.* https://2024.agricultureforlife.usamv.ro/images/2024/Book_of_Abstracts/Book_Abstracts_Animal_Science_A4L2024.pdf
5. **Savin, V.**, Dima, F. M., Constandache, G., Crețu, M., Cristea, V., Growth and Meat Quality of Common Carp (*Cyprinus carpio*) In Recirculating Aquaculture Systems Under the Influence of Phytonutrient Diets [poster presentation]. *8th International Cukurova Agriculture and Veterinary Congress, 21-23 June 2024, Adana / Türkiye.* <https://www.iksadinstitute.org/post/8th-international-%C3%A7ukurova-congress-of-agriculture-and-veterinary-sciences-was-held-in-adana-between>
6. Constandache, G., Dima, F. M., Tenciu, M., Grecu, I., **Savin, V.**, Dediu, L., Reviewing the Positive Impact of Spirulina on the Health of Fish [poster presentation]. *The International Conference "Agriculture for Life, Life for Agriculture", USAMV București, 6 - 8 Iunie 2024.* https://2024.agricultureforlife.usamv.ro/images/2024/Book_of_Abstracts/Book_Abstracts_Animal_Science_A4L2024.pdf
7. Crețu, M., Stroe, M. D., Dima, F. M., **Savin, V.**, Estimation of the Growth and Mortality Parameters of the *Alosa immaculata* During Migration of Reproduction in the Danube River, Romania [poster presentation]. *8th International Cukurova Agriculture and Veterinary Congress, 21-23 June 2024, Adana / Türkiye.* <https://www.iksadinstitute.org/post/8th-international-%C3%A7ukurova-congress-of-agriculture-and-veterinary-sciences-was-held-in-adana-between>
8. Coman, E. I., Lacătuș, M. F., **Savin, V.**, Dima, F. M., Tenciu, M., Implementation of A Digitized Water Quality Monitoring System from Aquaculture [poster presentation]. *8th International Cukurova Agriculture and Veterinary Congress, 21-23 June 2024, Adana / Türkiye.* <https://www.iksadinstitute.org/post/8th-international-%C3%A7ukurova-congress-of-agriculture-and-veterinary-sciences-was-held-in-adana-between>
9. Lăcătuș, M. F., Coman, E. I., Tenciu, M., Constandache, G., **Savin, V.**, Dima, F. M., Flow cytometry - an innovative approach in the analysis and monitoring of algal blooms in Brateș Lake [poster presentation]. *8th International Cukurova Agriculture and Veterinary Congress, 21-23 June 2024, Adana / Türkiye.* <https://www.iksadinstitute.org/post/8th-international-%C3%A7ukurova-congress-of-agriculture-and-veterinary-sciences-was-held-in-adana-between>
10. **Savin, V.**, Dima, F. M., Tenciu, M., Patriche, N., Popa, M. D., Cristea, V., Evaluation of the haematological profile and biochemical indices in the blood of common carp (*Cyprinus carpio*), as response to supplementing their diet with phytochemical compounds [poster presentation]. *The International Conference "Agriculture for Life, Life for Agriculture", USAMV București, 8 - 10 Iunie 2023.* https://2023.agricultureforlife.usamv.ro/images/2023/Book_of_Abstracts/Book_Abstracts_Animal_Science_A4L2023.pdf
11. Stroe, M. D., Tenciu, M., Crețu, M., **Savin, V.**, Dima, F. M., Patriche, N., The dynamics of the fish catches with high economic value from the Danube Delta, during the period 2011-2021 [poster presentation]. *The 11th Edition of the International Euro-Aliment Symposium, Faculty of Food Science and Engineering, Dunărea de Jos University of Galați, 19 - 20 Octombrie 2023.*
12. Popa, M. D., **Savin, V.**, Simionov, I. A., Iticescu, C., Dima, F. M., Patriche, N., Oancea, E. C., Lacatus, M. F. The influence of rearing conditions on growth, meat quality and mortality of *Acipenser ruthenus* [poster presentation]. *The International Conference "Agriculture for Life, Life for Agriculture", USAMV București, 8 - 10 Iunie 2023.* https://2023.agricultureforlife.usamv.ro/images/2023/Book_of_Abstracts/Book_Abstracts_Animal_Science_A4L2023.pdf



13. **Savin, V.**, Mocanu, E., Dima, F. M., Patriche, N., Popa, M. D., Cristea, V., Research on the Fulton condition factor, the hepato-somatic index and the biochemical composition of carp (*Cyprinus carpio*) from 3 different sources, in Romania [poster presentation]. *The International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București, 2 - 4 Iunie 2022.
14. Popa, M. D., Mocanu, E., **Savin, V.**, Dima, F.M., Patriche, N., Macronutrients modification in the muscle of common carp (*Cyprinus carpio*) during winter [poster presentation]. *The International Conference "Agriculture for Life, Life for Agriculture"*, USAMV București, 2 - 4 Iunie 2022.
15. **Savin, V.**, Cristea, V., Mocanu, E., Dima, F., Popa, M. D., Patriche, N. Efficiency of probiotics in carp (*Cyprinus carpio*) growth in the aquaculture recirculating system [poster presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021
16. **Savin, V.**, Mocanu, E., Stroe, M. D., Popa, M. D., Savin, C. Attempts to rear salmon fry in recirculating aquaculture systems [poster presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021.
17. **Savin, V.**, Patriche, N. Evaluation of the influence of probiotics on the growth parameters and health status of carp in super-intensive aquaculture [poster presentation]. *The 9th Edition of the Scientific Conference of the Doctoral Schools of Dunărea de Jos University, Galați*, 10 - 11 Iunie 2021.
18. Stroe, M. D., **Savin, V.**, Crețu, M., Tenciu, M., Stanciu, S. S., Dima, F. M., Patriche, N. The status of the common carp captures (*Cyprinus carpio* Linnaeus, 1758) from Danube Delta during the years 2014 - 2020 [poster presentation]. *The 10th International Euro-Aliment Symposium, Faculty of Food Science and Engineering, Dunărea de Jos University of Galați*, 7 - 8 Octombrie 2021.
19. Mocanu, E., Dima, F. M., Patriche, N., **Savin, V.**, Popa, M. D. (2021). Effect of digestive enzymes and phytoadditives on haematological parameters and fatty acid composition of siberian sturgeon meat (*Acipenser baeri*) reared in recirculating system [oral presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, 21 - 22 Octombrie 2021. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2021-EN.pdf>
20. Mocanu, E., Dima, F. M., **Savin, V.**, Popa, M. D. Influence of enzyme and phytoadditive diets on growth performance and maintenance status of siberian sturgeon (*Acipenser baerii*, Brandt, 1869) [poster presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2021-EN.pdf>
21. Mocanu, E., Dima, F. M., **Savin, V.**, Popa, M. D. The effect of vitamins and propolis on the larvae of *Acipenser ruthenus* [oral presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2021-EN.pdf>
22. Popa, M. D., Mocanu, E., **Savin, V.** Phytoremediation of Danube water, as a supply source for a recirculating aquaculture system, through the use of *Lemna minor* [poster presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2021-EN.pdf>
23. Popa, M. D., Mocanu, E., **Savin, V.**, Dima, F. Capacity of *Lemna Minor* for nitrogen bioaccumulation from wastewater of a recirculating aquaculture system, [poster presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021.
24. Savin, C., Mocanu, E., **Savin, V.** Fish food security and consumer perception of fish consumption [poster presentation]. *International Scientific Symposium: "Animal and Food Sciences and Sustainable Development"*, Iași, România, 21 - 22 Octombrie 2021. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2021-EN.pdf>
25. **Savin, V.**, Cristea, V., Docan, A., Mocanu, E., Patriche, N. (2020). Review on the use of plants and plant extracts in carp (*Cyprinus carpio*) culture [poster presentation]. *The 8th Edition of the Scientific Conference of the Doctoral Schools of Dunărea de Jos University, Galați*, 18 - 19 Iunie 2020.
26. **Savin, V.**, Mocanu, E., Patriche, N., Tenciu, M., Savin, C., Stroe, D., Popa, D., Năstase, G. (2020). Study on the maintenance status and biochemistry of pontic shad *Alosa immaculata* (Bennet, 1835) during migration [poster presentation]. *International Scientific Symposium: "Modern Animal*



- Husbandry – Food Safety And Durable Development*”, Iași, România, 22 - 23 Octombrie 2020. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2020-EN.pdf>
27. Mocanu, E., Patriche, N., Tenciu, M., **Savin, V.**, Popa, M. D. Stimulating disease resistance for common carp (*Cyprinus carpio*) reared in recirculating system, by utilising feeding diets supplemented with fatty acids [oral presentation]. *International Scientific Symposium: “Modern Animal Husbandry – Food Safety and Durable Development”*, Iași, România, 22 - 23 Octombrie 2020. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2020-EN.pdf>
 28. Popa, M. D., Tenciu, M., Patriche, N., Mocanu, E., **Savin, V.**, Stroe, D. Maintenance status of rainbow trout (*Oncorhynchus mykiss*) reared in recirculating system and in earth ponds [poster presentation]. *International Scientific Symposium: “Modern Animal Husbandry – Food Safety And Durable Development”*, Iași, România, 22 - 23 Octombrie 2020. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2020-EN.pdf>
 29. Stroe, M. D., Crețu, M., Ion, G., Mirea, D., **Savin, V.**, Tenciu, M., Patriche, N. Population structure and growth parameters of *Alosa immaculata* species, Bennet, 1835 (Pontic shad) on the Danube sector km 169 – km 197, in 2020 [poster presentation]. *International Scientific Symposium: “Modern Animal Husbandry – Food Safety and Durable Development”*, Iași, Romania, 22 - 23 Octombrie 2020. <https://iulscongres.ro/wp-content/uploads/2025/02/BROSURA-PROGRAM-2020-EN.pdf>
 30. **Savin, V.**, Patriche, N., Mocanu, E., Tenciu, M., Lacatus, M. F., Popa, D., Savin, C. The effect of *Saccharomyces boulardii* yeast feed supplementation on growth parameters and biochemical composition of carp (*Cyprinus carpio*) [poster presentation]. *International Scientific Symposium: “Modern Animal Husbandry – Food Safety and Durable Development”*, Iasi, Romania, 17 - 18 Octombrie 2019.
 31. Mocanu, E., Athanasopoulos, L., Patriche, N., Tenciu, M., **Savin, V.**, Popa, M. D. The Influence of the Disease State on the Maintenance Status for Rainbow Trout [oral presentation]. *International Scientific Symposium “Animal and Food Sciences and Sustainable Development”*, “Ion Ionescu de La Brad” Iasi University of Life Sciences, 17 - 18 Octombrie 2019.
 32. Mocanu, E., Patriche, N., Tenciu, M., Popa, M. D., **Savin, V.**, Eșanu, V. The influence of production systems on the nutritional value of common carp and asian cyprinids [oral presentation]. *International Scientific Symposium: “Modern Animal Husbandry – Food Safety and Durable Development”*, Iasi, Romania, 17 - 18 Octombrie 2019.
 33. Mocanu, E., Tenciu, M., Patriche, N., Jecu, E., **Savin, V.**, Popa, M. D. The comparative study of fish meat quality from two fish farms according to the technological water quality [oral presentation]. *The Second International Conference on Life Sciences, Section Bioengineering of Animal Resources*, Timisoara, Romania, 23 - 24 Mai 2019.

C. Proiecte de cercetare științifică

1. Cod SMIS 155191 - „Crearea potențialului siturilor de acvacultură din punct de vedere al utilizării resurselor”, finanțat prin Programul Operațional pentru Pescuit și Afaceri Maritime (POPAM) 2014-2020. 2022 - 2023
2. Cod SMIS 152286 - „Îndrumar practic pentru dezvoltarea microfermelor de acvacultură”. Programul Operațional pentru Pescuit și Afaceri Maritime (2014 -2020) - POPAM, 2022-2023
3. Programul Național pentru Colectarea Datelor din sectorul pescăresc al României - Contract nr. 4590 / 24.04.2023
4. Servicii pentru realizarea și implementarea Programului Național pentru Colectarea Datelor din sectorul pescăresc al României pentru anul 2022 - Contract nr. 2252 / 20.05.2022
5. ADER – 15.1.1 – ”Cercetări privind identificarea și dezvoltarea de noi metode de profilaxie și tratament în acvacultură” 2019-2022
6. ADER 13.1.2 – ”Evaluarea și monitorizarea bioresurselor acvatice vii din habitatele piscicole naturale, pentru asigurarea exploatării durabile a acestora”, 2019-2022
7. ADER 14.1.1. – ”Diversificarea producției din acvacultură, prin introdu-cerea speciilor de pești autohtone și alohtone valoroase”, 2019-2022
8. ADER 14.1.2. – ”Cercetări privind elaborarea de sisteme tehnologice și tehnologii pentru dezvoltarea acvaculturii în canalele de irigații”, 2019-2022



9. ADER 13.1.1. – ”Cercetări privind ameliorarea, protecția și conservarea resurselor genetice din apele interioare și din acvacultura României”, 2019-2022
10. ADER 25.3.1. – ”Sisteme recirculante de acvacultură utilizate în etapa premergătoare repopulării apelor naturale cu material piscicol”, 2019-2022
11. ADER - 13.1.1. - ”Cercetări privind creșterea rentabilității în fermele de acvacultură prin introducerea de specii valoroase cu implementarea tehnologiilor specifice de acvacultură, zootehnie și agricole-realizarea fermei de acvacultură integrată”, 2023-2026
12. ADER - 13.1.2. - ”Elaborarea unui Sistem Integrat de Analiză și Monitorizare Tehnologică-SIAMT a fluxurilor tehnologice din acvacultură și pescuit prin analiza digitizată a parametrilor hidrobiologici, hidrochimici, ihtiopatologici și tehnologici”, 2023-2026
13. ADER – 14.1.1. - ”Studii de monitorizare și evaluare a habitatelor specifice resurselor pescărești în vederea determinării capturii totale admisibile, a efortului de pescuit a sustenabilității și conservării stocurilor în raport cu schimbările climatice actuale”, 2023-2026
14. ADER – 14.1.2. - ”Cercetări privind influența schimbărilor hidroclimatice asupra stocurilor și migrației cârdurilor de scrumbie de Dunăre -Alosa immaculata de la gurile Dunării până la Barajul Porțile de Fier 2”, 2023-2026
15. ADER – 12.1.1. - ”Cercetări privind conservarea potențialului genetic al speciilor de pești cu perspective de piață și cu potențial ecologic prin dezvoltarea tehnologiilor de reproducere, dezvoltare post-embrionară și de creștere în sisteme controlate”, 2023-2026
16. ADER – 12.1.2. - ”Cercetări privind evaluarea potențialului de reproducere selectivă și programare epigenetică pentru a îmbunătăți adaptarea la condițiile de mediu în schimbare (temperatură, oxigen, calitatea apei, furaje etc.)”, 2023-2026

D. Membru în comitete de organizare sau comitete științifice ale conferințelor/colective de redacție ale unor reviste

1. Simpozion – „Utilizarea algelor pentru o acvacultură durabilă”, organizat de Institutul de Cercetare-Dezvoltare pentru Ecologie Acvatică, Pescuit și Acvacultură Galați, România, 11 decembrie 2024. <https://asas-icdeapa.ro/simpozion-utilizarea-algelor-pentru-o-acvacultura-durabila/>
2. Conferința „Apa, suport al vieții”, organizată de Institutul de Cercetare-Dezvoltare pentru Ecologie Acvatică, Pescuit și Acvacultură Galați, România, 27 martie 2025. <https://asas-icdeapa.ro/conferinta-apa-suport-al-vietii/>
3. International symposium „AlgaTech 2025: Algae as a Sustainable Resource for Food, Health and Industry,, - Institute of Research and Development for Aquatic Ecology, Fishing and Aquaculture in Galati, Romania, 20 November 2025. <https://asas-icdeapa.ro/algatech-2025-algae-as-a-sustainable-resource-for-food-health-and-industry-symposium/>

Student-doctorand

PRODAN B. VIORICA (SAVIN)



