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**Sustainable Biotechnological Methods for Enhancing Immunity in Freshwater Fish in Recirculating Aquaculture Systems: A Review**

**Sandra Antonia MIHAILOV, Daniela Marina MOȚ, Liliana Elena OLARIU-JURCA, Dragoș MORARU, Adrian GROZEA\***

*affiliation: University of Life Sciences „King Mihai I” from Timișoara, Address – 300645, Timișoara, 119 Calea Aradului, Romania*

*\*Corresponding author’s email: adriangrozea@usvt.ro*

**AIM: To enhance immunity, prevent diseases, and improve sustainability in recirculating aquaculture systems (RAS)**

