



Physiology and Biochemistry Research GROUP

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Group Members

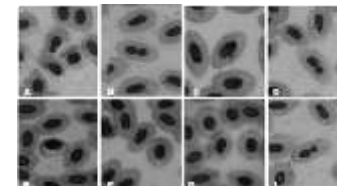
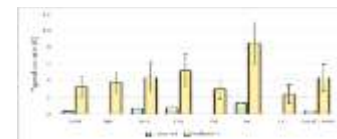
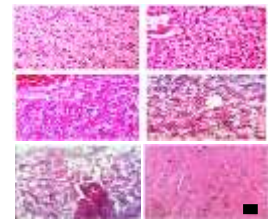
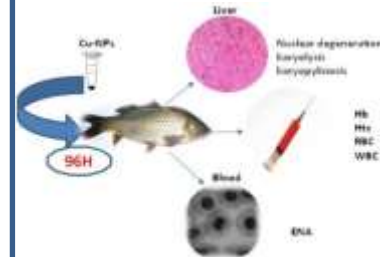
Prof. As.Dr. Valbona Aliko; Dr. Ledia Vasjari; Dr. Blerta Turani; MSc. Eldores Sula; MSc. Marsilda Qyli

Google Scholar

<https://scholar.google.com/citations?user=S9zgj4AAAAJ>

Research Gate

https://www.researchgate.net/profile/Valbona_Aliko



Research lines

- Mechanisms of adaptive response of animals to environmental stress, with a special attention to establishing a battery of biochemical, physiological and cytological biomarkers for evaluation of the health status of freshwater and marine biota.
- Elucidating possible molecular mechanisms of onset of erythrocyte cell toxicity and autophagy induced by stress factors (nanoparticles, heavy metals, pesticides, pharmaceuticals).
- Using biosensor approach in monitoring physiological alterations in model organisms (amphibians, fish, crustaceans) exposed to environmental stressors and their bio-functionalizing with possible application of them in diagnostics and environmental pollution monitoring and bioremediation.