



TSOVINAR ISHKHAN ADAMYAN

Scientific worker at the Chair of Human and Animal Physiology named after T. Musheghyan of the YSU Faculty of Biology

Ph.D., Associate Professor

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Education

1962-1967 – YSU Faculty of Biology

1972-1975 - Post-graduate student of the Chair of Human and Animal Physiology named after T. Musheghyan of the YSU Faculty of Biology

Scientific degree

Ph.D, Biology

“On the mechanism of the stimulating influence of the factors of Nor-Amberd highland on the hemopoiesis of bone marrow donors” (03 00 13)

Work experience

1976-1989 – Scientific worker at the Chair of Human and Animal Physiology named after T. Musheghyan of the YSU Faculty of Biology

1991-1996 – Senior scientific worker

1998-2015 - Associate Professor

2016-present – Scientific worker

Lectures

Bachelor’s Degree Studies – “Human Physiology”, “Scientific Medicine”, “Environmental Physiology”

Master’s Degree Studies – “Hematology”, “Human Ecology”

Area of expertise

The influence of various stress factors (vibration, fatigue with oxygen deficiency, immobilization) on the activity of the hematopoietic system of morphofunctional

parameters, processes of lipid peroxidation, prolinyl-biosynthesis, catabolism and antioxidant enzymes. In order to prevent and correct the changes occurred, plant biostimulants and electromagnetic radiation of millimeter range are used.

Membership

Member of the RA Society of Physiologists; Member of the Academic Board of the Faculty of Biology

Published scientific works and manuals

Eleven textbooks and methodical manuals, 209 scientific works

1. Adamyan Ts.I., Minasyan S.M., Gevorgyan E.S., Gukasyan E.S., Karapetyan H.M. "The changes indicators of hemopoiesis under influence of millimeter waves and hypokinesia". Questions of theoretical and clinical medicine, 2017, 4 (114), 45-49.
2. Adamyan Ts.I., Minasyan S.M., Karapetyan H. M, Gevorgyan E.S., Sargsyan N.V. "The stimulating erythropoietic effect of stevia rebaudiana under the influence of immobilization stress". Biological journal of Armenia, 2017, 1 (69), 23-29.
3. Adamyan Ts.I., Minasyan S.M., Gevorgyan E.S., Karapetyan H.M, Sargsyan N.V. "The nature of changes in morphofunctional parameters of leukopoiesis in the dynamics of the influence of immobilization stress". Questions of theoretical and clinical medicine, 2017, 2 (112), 60-64.
4. Karapetyan H.M, Adamyan Ts.I., Gevorgyan E.S., Baghdasaryan K.V., Alaverdyan R.A., Kirakosyan A.Z. "The corrective effect of stevia rebaudiana on the processes of lipid peroxidation and peroxidase activity under the influence of immobilization stress". Questions of theoretical and clinical medicine, 2018, N 2, 23-27