

---

## Contents

V.M.Storozhuk Research of brain in Bogomoletz Institute of Physiology (1991-2001 years) .....	3
I.M.Trofimova, V.E.Dosenko, Yu.V.Byts Changes in the elastolytic system of blood serum and tissue of aorta associated with acid-base imbalance .....	13
N.A. Klimenko, G.Yu.Pyshnov Replacing effects of exogenous histamine, serotonin and heparin on leukocytic reaction in inflammation .....	19
A.A.Timopeev, E.V.Gorobets, A.G.Portnychenko, K.V.Rozova, M.M.Seredenko, V.I. Portnichenko, Jezzini Adnan Abbas Changes in post-traumatic locus host defense in patients during conservative treatment .....	25
N.V. Lunina, V.V.Stepanenko, S.B.Koval, O.A.Gonchar Functional condition of monocytes and some mechanisms of its regulation by the development of stress-reaction .....	30
O.S.Kotsarev, S.V.Antonyuk, E.A.Lykholat Structurally functional features of arohematic barrier in conditions of inhalate action of lead salt low concentration .....	36
O.V. Kostyuchenko, V.I. Grishkovets, I.I. Korenyuk The effect of the plant saponins on the mollusc neurons .....	42
M.E. Dzerzhinsky, A.N. Ptitsa, I.M. Varenjuk Influence of monoamines and testosterone on the hypothalamo-testicular axis of Japanese quail (electrophysiological and morphometric study) ...	49
Ye.A.Fedorovskaya, L.V.Nazarchuk, N.K.Skachkova, L.N.Nemirovskaya Gomeostasis indexes of immunizing staphylococci anatoxini donors, before have been revaccinated against tetanus .....	58
Z.O.Rozanova Kinetics of absorpition by the bovine retina of 1- <sup>14</sup> C-GABA and its B-vitamins preparations .....	63
V.S. Shevchenko. Regulation of innate immunity at the xenogenic damages of blood circulation .....	67
HISTORY OF SCIENCE.....	72
JUBILEE DATES	
Volodymyr Korniiiovych Rybalchenko (On the 60 <sup>th</sup> Aniversary of His Birthday) .....	78
Pavlo Yakovyeh Kravtsov (On the 60 <sup>th</sup> Aniversary of His Birthday).....	79