

Contents

Vadim Berezowskiy. The Life Quality and Biophysical Medicine	5
T.G.Sazontova, N.A.Anchidhkina, A.G.Zhukova, I.V.Bedareva, E.A.Pylaeva, N.A.Krivencova, A.A. Polianskaya, A.R. Iurasov, Yu.V.Arkipenko. Active oxygene forms and redox-signaling role in adaptation to oxygene contens changing	18
A.N.Vetosh, V.B.Kostkin, O.S.Alekseeva, D.E.Korjevsky. HSP70 influence on development of nitrogen narcosis under low oxygen pressure	33
T. G. Scherbatyuk. Modern condition and prospects of application of ozone in medicine	41
A.M. Vaiserman. Early-life programming of viability as a sign of epigenetic adaptation	49
O.G. Chaka, V. A. Bezchasna, P.V. Lachin. Influence of oxygen deprivation on photosensitivity and firmness of Drosophila melanogaster	55
K.V.Rozova. Influence of normo- and hypobaric hypoxia on ultrastructure of lung tissue and myocardium	63
I.G. Litovka, A.S. Kostjuchenko. The bone tissue physiological regeneration of young and adult rats in the designed alimentary deprivation conditions	69
N.A. Utko, I.N.Pishel, V.V. Bezrukov, Kh.K. Muradian. The gaseous exchange, thermoregulation and antioxidant enzyme activities in aging C57Bl/6 mice	75
O.M. Levashov, B.A. Berezovskii, M.I. Levashov, S.L. Saphonov. The stress generated potential in rats' femur at the different modes of mechanical loading	82
Ju.M. Kolesnik, V.A. Zhulinsky, A.V. Abramov, N.A. Kalinichenko. The features of some human neurofisiological parameters modification under the influence of mobile phone electromagnetic emission	90
T.A. Borisova, N.V. Krisanova. Enlarged Ca^{2+} -independent release of glutamate from synaptosomes under centrifuge-induced hypergravity modeling	94
O.B. Dynnyk, S.E. Mostoviy, V.A. Beresovsky. Biophysics methods estimations of the condition microcirculatory system skin in clinical practice	100
Ukrainian-Poland Conference for young scientists "Mechanisms of Intracellular Signaling" in the frame of Bogomoletz-Nencki Institute Collaboration Kyiv, 13-14 December 2007 ..	109
M.N.Zayko (on the 100-th Aniversary of His Birthday)	125