

Contents

<i>V.F. Sagach, L.B. Doloman, A.V.Kotsuruba, O.M. Buhanevich, H.A. Kurdanov, I.A. Beslaneev, S.A. Bekuzarova</i> Increased nitric oxide stable metabolites blood level in highlanders	3
<i>T.L.Davidovska, I.B.Philyppov, O.V.Tsimbalyuk, M.F.Shuba, L.S.Kholodna</i> Transfer factor modulates inhibitory action of neurotransmitters on intestinal smooth muscles	9
<i>M.V. Borysyuk, V.Ye. Dosenko, Yu.V. Byts</i> Elastolitic system of pancreas at modelling diabetes melitus	17
<i>A.A.Myroshnichenko, V.P.Lyashenko, S.N.Lukashev</i> Effects of stresses of different genesis on accumulation of calcium in liver, and its functional activity	22
<i>S.V. Tukaev, S.P. Veselsky, E.N. Reshetnik, P.S. Lyashchenko</i> The action of $[Ca^{2+}]$ regulating agents on the biliary secretion of adenyl nucleotides	28
<i>Yu. A. Grinevich, G.D. Bendyug, L.G. Yuginova, T.N.Selezneva</i> Endocrine function of thymus at experimental hypothyroidism	34
<i>S. M. Marchenko</i> Electrophysiological properties of venous endothelial cells	39
<i>V.S. Shevchenko</i> Xenogenic formation of anodic autoprecipitins before and during cardiopulmonary bypass	43
<i>I. V. Mischenko</i> The dependence of lipid oxidation and blood hemostasis from antioxidant activity of different tissues	48
<i>L.G.Petryna</i> Influence of g-irradiation of different power on the contents of vitamin e in rats vitality	51
<i>N.V. Makarenko, I.A. Ivanyura, V.I. Sheyko</i> The sign of the typological peculiarities of the hna in the character of neurodynamical functions in the middle scholl age pupils bu the long-lasting physical loadings	56
<i>M.V. Makarenko, V.S.Luzogyb</i> Maximal rate of moving reactions in humans and peculiarities of basic nervous processes	62
<i>N.M.Kurhalyuk, T.V.Serebrovskaya, E.E.Kolesnikova, L.I.Aleksyuk</i> Exogenous l-arginine modulates the effects of acute and intermittent hypoxia on liver mitochondrial and microsomal oxidation	67
<i>V.I.Fedorov</i> Microkalorimetry determination of the metabolic activity of blood and bone marrow cells under low dose of irradiation influence.	74
<i>T.V.Kukoba, A.A.Moibenko</i> Heme oxygenase and carbon monoxide: the protection or the injury of the cells?	79
Jubilee dates	102