

Contents

V.E. Dosenko, V.Yu. Zagoriy, A.A. Moibenko Proteasomal degradation of RNA of different NO-synthase isoforms	3
O.D. Prysyzhna, A.V.Kotsuruba, M.N. Tkachenko, V.F. Sagach Mechanisms of infringement of contractive reactions and efficiency of oxygen utilisation by portal vein smooth muscles at experimental diabetes mellitus	8
O.A. Fedorenko, T.M. Volkova, S.M. Marchenko New cation channel of the T-lymphocyte nuclear membrane	17
N.V.Melenevska, M.S.Miroshnichenko, Y.B.Phylippov, L.S. Kholodna, M.F.Shuba Effects of Staphylococcus aureus cell-bound protein A upon ATP and nitric oxide inhibiting actions in smooth muscles	22
O.V. Kopach, I.A. Kruglikov, P.G. Kostyuk, N.V. Voitenko, N.V. Fedirko Characteristics of inositoltrisphosphate-sensitive Ca^{2+} stores in the acinar cells of rat submandibular salivary gland	30
T.V. Kukoba, Kotsuruba, A.A. Moibenko The cardioprotective effect of heme oxygenase-1 overexpression	41
A.V. Sotkis, Lazarenko R.M., Boldyrev O.I., Voitychuk O.I., Dosenko V.Je., Shuba Ia.M. Identification of E-4031-sensitive potassium current component (IKr) in cardiodifferentiated murine P19 embrionic carcinoma cells	49
O.V.Romanenko, M.M.Grusha, P.D.Fomin Blocking action of pyridoxal-5'-phosphate on nonadrenergic synaptic inhibition of human small intestine smooth muscle.	62
B.V. Donskoy, V.P. Chernyshov Anti-idiotypic antibodies as a phisiological mechanism of cofactor- independent antiphospholipid antibodies supression in women undergoing IVF	71
V.O. Melnick Immunoglobuline influence on morphological structure of brain occipital part under experimental allergic encephalomyelitis	78
T.G. Tsintsadze, G.O. Gabrichidze, N.I. Lazrshvili, D.S. Metreveli, N.P. Mitagvariya Altered ability to learn in posterity of rats with iodine defficiency	82
L.A.Migal, L. V. Korol, G.G.Nikulina, I.A.Dudar, N.V. Zeltowskya Urinary enzymes as markers of functional state of kidneys complicated by diabetes	89
A.G. Rodinsky Excitation and inhibition in monosynaptic reflex arcs of white rats in conditions of spinal superreflexion	94
P.L. Starokadomskyy Investigation of macromolecules permeability through the mouth cavity mucous on hamster's cheek pouches	101