

Contents

<i>M.N. Tkachenko, V.V. Yarotsky, S.M. Marchenko, V.F. Sagach</i> Effect of acetylcholine and adenosine triphosphate on membrane potential of the intact endothelium of rat aorta in aging	3
<i>M.Yu. Makarchuk, I.G. Zima</i> Influence of anosmia on sex-related differences in conditioned avoidance in rats	9
<i>V.M. Zaporozhan, B.A. Nasibullin, A.I. Gozhenko, R.A. Shapranov</i> Structural functional basis of hypogeomagnetic field action	16
<i>A.V. Kotsuruba, E.P. Svyshchenko, O.M. Buchanovich, G.V. Kosyakova, A.G. Berdyshev, V.V. Radchenko, L.A. Mishchenko, N.M. Gulaya</i> Influence of irbezartane – antagonist of at-1 receptors for angiotensin ii on l-arginine metabolism in arterial hypertension	22
<i>N.A. Klimenko, G.F. Kozyryeva</i> Effect of dexamethasone on the mast cell reaction at inflammation	29
<i>G.N. Korniyshchuk, N.V. Makogon, I.N. Alexeyeva, I.V. Lushnikova</i> The influence of exogenous leukotrienes and lipoxigenase inhibitors on apoptosis and necrosis in rat cultured hepatocytes.	34
<i>Y.M. Vitko, R.N. Lazarenko, N.C. Pogorelaya</i> Intracellular trypsin effects on the voltage-dependant inactivation of volume-sensitive chloride current in prostate cells	41
<i>L.A. Kutsenko, I.P. Kaidashev</i> Physiological activity of peptide complex from heart tissues	51
<i>L.B. Litvinova</i> Hormonal stimulation of the female puberty	61
<i>O.P. Klimova</i> Effects of prenatal hyperandrogenization on the pregnancy and postnatal development of progeny	66
<i>M.B. Shcherbinina</i> Influence of antisecretory drugs on mucosa microcirculation and regenerative process in rats with experimental gastric ulcer	72
<i>S.N. Vadzyuk, T.A. Vavrishchuk</i> Peculiarities of visual acuity and contrastive sensitivity in pupils of different ages	76
<i>S. M. Marchenko</i> Comparative study of electrophysiological properties of arterial endothelial cells	82
<i>E.V. Kravchenko</i> The influence of polarized light on immune and cytokines status of patients with bronchial asthma against a background of bronchomunal immunotherapy	87
<i>S.V. Tsapets, V.P. Feketa, V.J. Kostrub</i> Correlation of emotional status of a man with reactions of central hemodynamics on different types of exercises.	95

Reviews

<i>L. D. Kalugnaya, V.V. Vereschaka</i> Microcirculation influences morphofunctional state of skin	102
--	-----

Chronicles

108

Jubilee Dates

110

Comments

112