

Contents

| | |
|---|----|
| Pashev D.A., Dosenko V.E., Byts Yu. V., Moibenko A.A. Proteasome activity changes in aorta, heart tissues and blood leucocytes in modelling of cholesterol atherosclerosis | 3 |
| A.V.Dmitrieva, Yu.A.Bubnova, A.Yu.Boguslavsky, V.F.Sagach The modulation of mitochondrial pore sensitivity of isolated myocardial preparations to the action of pore activators | 11 |
| V.V.Ambroskina, T.A.Kriachok, O.P.Larionov, T.V.Talaeva, V.V.Bratus The significance of hyperlipidemia and decrease of lipid tolerance as the factors of atherogenesis | 19 |
| T.V. Beregova, N.V. Grigороva, J.V. Eshchenko, V.D. Bovt, V.A. Eshchenko Zinc content in blood and cells of various organs under stress | 29 |
| Bouryi V.A., Gourkovska A.V., Sukhanova K.Yu., Sagach V.F. Involvement of voltage dependent potassium channels in rabbit corpus cavernosum responses to oxidative stress | 34 |
| V.A. Berezovskii, I.G. Litovka, A.S. Kostjuchenko Stimulation of bone tissue physiological regeneration by hypoxic gas mixtures | 40 |
| O.I. Kovzun Influence of mitogen-activated protein kinases and transcriptional factor c-Fos on estradiol signal transduction in the rat adrenocorticoocytes | 46 |
| I.F. Labunets Circannual rhythms of bone marrow cell composition in animals during aging: the role of pineal factors | 52 |
| V.V. Vereshchaka Features of eye microcirculation in healthy people of different ages and people with signs of senile slackness of a skin. | 60 |
| M.E. Barinova, O.N. Sulayeva State of intracellular signaling systems under endothelial dysfunction | 67 |
| N. Voronich-Semchenko Blood serum indexes in rats with hypothyrosis before and after correction by “iodide-100” drug. | 73 |
| S.S. Ershov, N.A. Pisarenko, N.V. Orlova, N.M. Shpakova Effect of cationic and anionic amphiphilic compounds on hypertonic cryohemolysis of mammalian red blood cells | 78 |