

CONTENTS

| | |
|---|----|
| O.M. Omelchenko, M. Y. Makarchuk , M.P. Bondarenko, O.V. Bondarenko. Partial deactivation of default-mode brain network during simple motor task execution | 3 |
| O.M. Nikolaienko, E.V. Isaeva. Adult resocialization restores sociability, reduced by adolescent social isolation in rats | 9 |
| D.I. Bilko, Y.B. Tchaikovsky, I.Z. Russu, M.V. Pakharenko, I.Yu. Lahodniuk, N.M. Bilko. Morphofunctional characteristics of hematopoietic bone marrow progenitor cells in a humanized cell culture system <i>in vivo</i> | 14 |
| A.A. Kotvytska, K.V. Tykhonovych, T.D. Kryvoruchko, S.M. Berehovyi, K.S. Neporada. The state of periodontal tissues in rats against the background of their long-term alcoholization | 23 |
| A.O. Mykytenko, O.Y. Akimov, K.S. Neporada. Influence of lipopolysaccharide on the development of oxidative-nitrosative stress in the liver of rats under conditions of chronic alcohol intoxication | 29 |
| L.D. Liubich, L.P. Staino, D.M. Egorova, T.D. Skaterna, E.G. Pedachenko. The effect of conditioned media from various origins on the migration of neural cells <i>in vitro</i> | 36 |
| O.O. Kalashnikov. 3D-computer gastrovolumetry: a new method of visual estimation of a gastric tube for patients after sleeve gastrectomy | 51 |
| A.M. Petruk, I.I. Kamyshna, M.I. Shkilna, A.M. Kamyshnyi. Transcriptional activity analysis of the immune response genes in the peripheral blood of patients with comorbid acute urticaria and lyme borreliosis | 58 |
| I.N. Mikheytseva, V.R. Yurevich. Benfotiamine as an antioxidant in the drainage zone of the eye in combined modeling glaucoma and diabetes | 68 |
| A.S. Pustovalov, K.V. Ratushna, M.G Matviienko, G.Ya. Grodzyuk, N.S. Andryushina, M.E. Dzerzhynsky. Morphofunctional changes of the rat hypothalamo-adrenal system under the influence of silver nanoparticles in obesity | 74 |
| A.S. Musiienko, N.V. Grygorieva, M.A. Bystrytska. Age-association features of fat and lean mass in men | 84 |
| S.N. Vadzyuk, B.B. Sas, O.M. Ratynska, S.S. Tkachuk. Features of psycho-emotional state in people with different stress resistance | 92 |
| HISTORY OF SCIENCE | |
| M.P. Boichak. Arseniy Ivanovich Danylenko is a forgotten name of an outstanding ukrainian scientist-biophysicist, radiobiologist, researcher of natural radioactivity in Ukraine | 98 |