

2023

vol. 33, issue 4

problems of cryobiology and cryomedicine

contents

review

Goltsev A.M., Lutsenko O.D., Ostankova L.V., Bondarovykh M.O., Ostankov M.V., Sokil L.V., Grisha I.H., Chernyshenko L.G.
Modern approaches and perspectives of human cord blood nucleated cells' freeze-drying..... 227

original contributions

theoretical and experimental cryobiology

Moisieieva N.M., Shcheniavskiy I.I., Gorina O.L., Akhatova Yu.S., Semenchenko O.Yu. Study of release of biologically active compounds from cord blood under different conditions of low-temperature impact..... 250

short communication

Khala I.P., Rozanova K.D., Repina S.V., Nardid O.A. Low temperature influence on activity in alginate microcapsules incorporated-enzymes..... 263
Lomako V.V. Changes in blood leukocyte composition in rats of different ages after long-term cold adaptation..... 268
Shevchenko M.V., Mykhalchuk T.V., Prokopiuk O.S., Karpenko V.G., Prokopiuk V.Yu. Cryopreserved placental derivatives improve quality of life and behavioral responses in mice with chemotherapy-induced ovarian failure..... 274

abstracts

Abstracts of the 47th Annual Conference of Young Scientists 'Cold in Biology and Medicine. Current Issues in Cryobiology, Transplantology and Biotechnology' May 23, 2023, Kharkiv, Ukraine..... 280

chronicles

90th birthday of Prof. Tetiana M. Yurchenko..... 296

Key Word Index Vol. 33..... 301

Table of Contents Vol. 33..... 308

Instructions for Authors..... 314