

2024

vol. 34, issue 3

# problems of cryobiology and cryomedicine

## contents

### review

*Shcheniavskiy I.Y., Salnikov D.O., Chub O.V., Prokopyuk O.S.* Feasibility of cord blood application in cell therapy for central nervous system pathologies..... 165

### original contributions

#### theoretical and experimental cryobiology

*Trufanova N.A., Trufanov O.V., Bozhok G.A., Revenko O.B., Cherkashina D.V., Pakhomov O.V., Petrenko O.Yu.* Hypothermic storage of mesenchymal stromal cell-based spheroids at a temperature of 22°C..... 186

*Lomako V.V., Shylo O.V.* Blood leukocyte indices in young and aged rats under desynchronization initiation against the background of preventive whole-body cryostimulation ..... 201

#### cryomedicine, clinical and experimental transplantology

*Dorokhova O.E., Zborovska O.V., Zadorozhnyy O.S., Kolesnichenko V.V.* Dynamics of ocular surface temperature in rabbits during transpalpebral cooling (10°C)..... 213

*Goltsev A.M., Gaevska Y.O., Dubrava T.G., Bondarovykh M.O., Lutsenko O.D., Ostankov M.V.* Cryolysate of tumor cells: from technology of its obtaining up to creation of anti-cancer vaccines..... 226

*Petrushko M.P., Piniayev V.I., Yurchuk T.O.* Clinical outcomes of infertility treatment cycles for repeatedly cryopreserved embryos..... 236

Instructions for Authors..... 247