

Key words index, year 2025, Volume 35

- 2D-culture 3
2-oxoindoline derivatives 157
3D-culture 3
- A**
abscisic acid 149
acid
 abscisic 149
 glyoxylic 157
 hyaluronic 68, 210
action anti-hypoxic 85
activation energy 196
activity, metabolic 103
adaptation 57, 115
 cold 123
adaptive potential 138
age 123
aggregates 76
alginate microcapsules 46
alpha-fetoprotein 226
anti-hypoxic action 85
antioxidant Trolox 92
anti-radical properties 85
ascites carcinoma, Ehrlich 23
assays, luminometric 181
- B**
balance of electrolyte 115
barley 149
bioethics 167
biologically active substances 226
biotechnology 57
blood
 cord 85, 92, 226
 leukocytes 123
 placental 167
bone marrow, mononuclear cells 23
- C**
capacitation 221
carbohydrate, metabolism 157
catalase 46
cell (-s)
 viability 181
 cryolysate 23
 dendritic, immune 23
 dental pulp 3
 ganglion, dorsal root 3
 mononuclear, bone marrow 23
 neural 76
 nucleated 92
 Schwann 3
 stem 167,
 mesenchymal 103
coefficient (-s)
 penetration 196
 filtration 76
 permeability 76
cold
- adaptation 123
exposure 157
 short-term 123
resistance 157
stress 115
 colorimetric method 181
components of milk 130
constructs, tissue-engineered 103
cord blood 85, 92, 226
crest neural 3
cryobanks 167
cryobiology 115, 181
cryodestruction 226
cryoextract 226
cryolysate of cells 23
cryopreservation 3, 23, 33, 57, 92
103, 210, 221, 181
cryoprotectant (-s) 210
 solution 210
 penetrating 14
cultivation 33, 57, 76, 181
cultures, xenic 33
- D**
dalargin 115
damage tissue, low-temperature 210
dendritic cells, immune 23
dental pulp, cells 3
dextran 196
differentiation, induced 103
dimethyl sulfoxide 76, 92, 196
DMSO 103
dorsal root ganglion, cells 3
dye (-s)
 exclusion, method 181
 fluorescent 181
Dientamoeba fragilis 33
- E**
effect, genotypic 138
Ehrlich, ascites carcinoma 23
electrolyte balance 115
embryos 167
energy of activation 196
erythrocytes, human 14
exposure
 cold 157
 short-term 123
 low temperature 68
extraction 85
- F**
filtration coefficients 76
fluorescent dyes 181
fraction, low-molecular 85
freezing
 point milk 130
 tolerance 138
- G**
gametes 167
ganglion cells, dorsal root 3
genotypic effect 138
germination 149
glass transition, temperature 14
glucose 157
glycogen 157
glyoxylic acid 157
- H**
hematological parameters 115
human
 erythrocytes 14
 spermatozoa 221
 tissues 167
hyaluronic acid 68, 210
hypothermia 115
hypoxia 221
- I**
immune
 dendritic cells 23
 system 123
in vitro, transfusion simulation 92
induced differentiation 103
- L**
lactate 157
law, medical 167
leukocytes of blood 123
longevity 149
low temperature 149
 exposure 68
 storage 46
 tissue damage 210
low-molecular fraction 85
luminometric assays 181
lyophilization 57
- M**
maize 149
male rats 157
medium (-a)
 serum-free 196
 xeno-free 196
 RPMI 33
medical law 167
melanocytes 3
mesenchymal stem cells 103
metabolic activity 103
metabolism of carbohydrate 157
method
 colorimetric 181
 dye exclusion 181
microalgae 57
microcapsules alginate 46
milk
 components 130
 freezing point 130

mononuclear cells of bone marrow 23

N

neural

cells 76

crest 3

nucleated cells 92

O

osmotically inactive volume 76

P

parameters, hematological 115

penetration coefficient 196

penetrating cryoprotectants 14

permeability coefficients 76

placental blood 167

polyvinyl alcohol 14

potential, adaptive 138

preservation of regenerative

properties 68

pretreatment 103

properties

anti-radical 85

regenerative, preservation 68

pulp dental cells 3

pyruvate 157

R

rats, male 157

regenerative properties, preservation 68

resistance, cold 157

RPMI, medium 33

rye 149

S

Schwann cells 3

season of the year 130

seeds 149

serum-free media 196

short-term cold exposure 123

simulation, transfusion in vitro 92

skin 210

solution of cryoprotectant 210

spermatozoa of human 221

spheroids 76

stem cells 167

mesenchymal 103

sterilization 68

storage, low temperature 46

stress

cold 115

tolerance 138

substances, biologically active 226

sucrose 103

superoxide dismutase 46

system immune 123

T

temperature

glass transition 14

low 149

exposure 68

storage 46

tissue damage 210

tissue-engineered constructs 103

tissues of human 167

tolerance

freezing 138

stress 138

transfusion, simulation in vitro 92

Trolox antioxidant 92

V

viability 103

cell 181

volume, osmotically inactive 76

W

wheat 149

winter bread 138

winter bread wheat 138

wounds 210

X

xenic cultures 33

xeno-free media 196