

#### Volume 19, Issue 1

#### February 2025



9 articles in this issue

### The Pivotal Role of miR-27 in the Procedure of Stem Cell Differentiation: Focused on Osteogenesis and Chondrogenesis

Fatemeh ArabNasrin EstiriEhsan Saburi

RESEARCH PAPER | 20 January 2025 | Pages: 1 - 8



### Application of Self-Assembly Peptides in Tissue Engineering (A Review)

Mohammad KakaArash AbdolmalekiAsadollah Asadi

REVIEW PAPER | 20 January 2025 | Pages: 9 - 18

#### Karyotypic Variability in Different Marker-Free Cell Lines

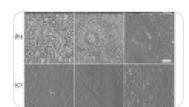
G. G. Poljanskaya V. I. Turilova T. K. Yakovleva

RESEARCH PAPER | 20 January 2025 | Pages: 19 - 32

#### Microscopy and Image Analysis of Cell-Derived Decellularized Extracellular Matrix

A. E. Melik-PashaevD. K. MatveevaE. R. Andreeva

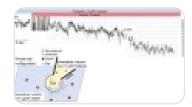
RESEARCH PAPER | 20 January 2025 | Pages: 33 - 47



### Role of Actin Dynamics in the Control of Proteolytically Induced ENaC-Like Channel Activity in Human Leukemia Cells

D. V. LysikovaV. Y. VasilevaA. V. Sudarikova

RESEARCH PAPER | 20 January 2025 | Pages: 48 - 54



# Markers of Proliferation and Epithelial-Mesenchymal Transition and Their Association with Histidine-Rich Glycoprotein HRG mRNA Expression in Breast Diseases

S. A. ArkhipovA. A. StudenikinaA. I. Autenshlyus

RESEARCH PAPER | 20 January 2025 | Pages: 55 - 59

## Multinucleation and Apoptosis of Macrophages in BCG-Infected Mice and Production of Cathepsins and Matrix Metalloproteinases in These Cells

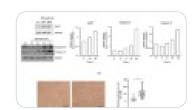
D. A. Il'in

RESEARCH PAPER | 20 January 2025 | Pages: 60 - 65

### The Role of Methyltransferase SETD7 in Stress-Response of Normal Human Stromal Cells

A. O. KonyushatovaP. I. DeryabinA. V. Borodkina

RESEARCH PAPER | 20 January 2025 | Pages: 66 - 76



# Effect of *per* os Administration of Alcohol and Oil Extracts of Fucoxanthin on Biochemical Parameters and Cytokine Level in the Serum of Balb/c Mice

A. P. LykovR. G. GevorgizO. V. Poveshchenko

RESEARCH PAPER | 20 January 2025 | Pages: 77 - 81