

Volume 19, Issue 2

April 2025

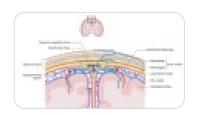


11 articles in this issue

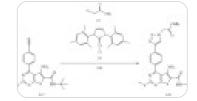
Mechanisms Involved in Cerebrospinal Fluid (CSF) Drainage and Interstitial Fluid (ISF)/CSF Exchange in the Central Nervous System (CNS)

Mojtaba Esmaeli

REVIEW PAPER | 10 February 2025 | Pages: 83 - 101



Substitution of an Ethyl Group with a Methyl Group in the Variable Moiety of TPY3m, a Thyroid-Stimulating Hormone Receptor Agonist, Modifies the Effect of This Analogue on the Basal and Thyroliberin-Stimulated Levels of Thyroid Hormones in Rats



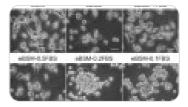
K. V. DerkachE. A. DidenkoA. O. Shpakov

RESEARCH PAPER | 10 February 2025 | Pages: 102 - 112

Prospects for the Use of Universal Serum Substitute eBS for Cultivation of Stable Human Cell Lines

N. A. KalininaE. N. KosobokovaV. S. Kosorukov

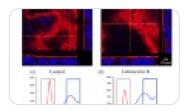
RESEARCH PAPER | 10 February 2025 | Pages: 113 - 124



Caco-2 Cellular Model to Study In Vitro the Mechanisms of Intestinal Barrier Permeability

V. V. FurmanS. B. Semenova

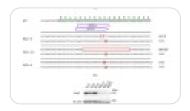
RESEARCH PAPER | 10 February 2025 | Pages: 125 - 129



Establishment of Lmp7-Deficient Mouse Embryonic Stem Cell Lines

U. I. PodenkovaD. V. KrigerA. S. Tsimokha

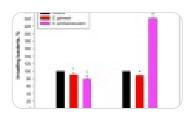
RESEARCH PAPER | 10 February 2025 | Pages: 130 - 140



The Role of Microtubules and Microfilaments in the Invasion of Eukaryotic Cells by Bacteria Serratia Grimesii and Serratia Proteamaculans

Yu. M. BersonE. S. BozhokinaO. A. Tsaplina

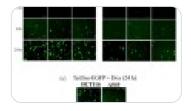
RESEARCH PAPER | 10 February 2025 | Pages: 141 - 150



Optimization of the Doxycycline-Induced Gene Expression System in HCT116 and A549 Cells

A. M. KozlovaA. V. MorshnevaM. V. Igotti

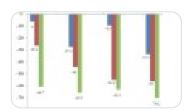
RESEARCH PAPER | 10 February 2025 | Pages: 151 - 160



Effect of Production Factors on the Relative Telomere Length of ICR Mice

O. A. SavchenkoP. E. Svechkarl. I. Novikova

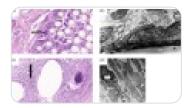
RESEARCH PAPER | 10 February 2025 | Pages: 161 - 165



Comparative Morphological Analysis of Connective Tissue Response to Implantation of Polypropylene Endoprosthesis

Kh. A. AbduvosidovV. G. ShestakovaM. M. Kokoev

RESEARCH PAPER | 10 February 2025 | Pages: 166 - 173



A Systematic Review of Frankincense's Impact on Human and Animal Cells In Vitro

Mojtaba EsmaeliMaryam Dehghanpour DehabadiAli Ghanbari

REVIEW PAPER | 10 February 2025 | Pages: 174 - 182



Effect of Phytoextract Based on Rice Husk and Germ Film, Green Tea on the Functional Properties of Cells Involved in Bone Tissue Metabolism

N. A. SitnikovaN. A. BondarenkoA. O. Kushnarenko

REVIEW PAPER | 10 February 2025 | Pages: 183 - 190

