

Volume 90, Issue 5

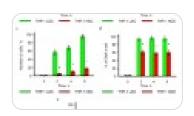
May 2025

8 articles in this issue

Hypercellular Proinflammatory Microenvironment Inhibits the Etoposide-Induced DNA Damage in Acute Monocytic Leukemia Cells

Margarita I. KobyakovaKirill S. KrasnovRoman S. Fadeev

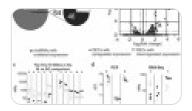
OriginalPaper | 19 June 2025 | Pages: 553 - 567



<u>Differential Expression of Circular RNAs in the Frontal Cortex of the Rat Brain in Ischemia–Reperfusion</u>

Ivan V. MozgovoyYana Yu. ShpetkoIvan B. Filippenkov

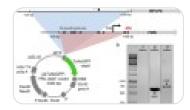
OriginalPaper | 19 June 2025 | Pages: 568 - 581



FOS Promoter is Overactive Outside of Genome Context and Weakly Regulated by Changes in the Na⁺_i/K⁺_i Ratio

Andrey M. GorbunovDmitrii A. FedorovElizaveta A. Klimanova

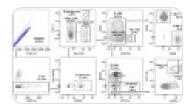
OriginalPaper | 19 June 2025 | Pages: 582 - 589



Multiplex Immune Profiling of Mouse Blood Cells with Highly Sensitive Detection of β-Galactosidase LacZ Reporter

Veronika S. MihailovskayaDaria A. BogdanovaStanislav A. Rybtsov

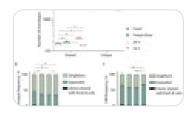
OriginalPaper | 19 June 2025 | Pages: 590 - 597



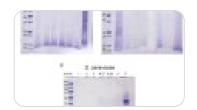
Assessment of Human Ig Repertoire Diversity after Cryopreservation and Restimulation of B Cells

Anastasia O. SmirnovaLeyla A. OvchinnikovaYakov A. Lomakin

OriginalPaper | 19 June 2025 | Pages: 598 - 606



Accelerated Proteomic Sample Preparation for Accurate Ultrafast Mass Spectrometry-Based Quantitative Analysis of Cell and Tissue Proteomes



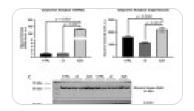
Daria D. EmekeevaTomiris KusainovaIrina A. Tarasova

OriginalPaper | 19 June 2025 | Pages: 607 - 621

Glycerol Kinase Overexpression Suppresses Lipid Synthesis but Increases Mitochondrial Membrane Potential and Thermogenesis Activity in Adipocytes

Svetlana S. Michurinalrina B. Beloglazovalurii S. Stafeev

OriginalPaper | 19 June 2025 | Pages: 622 - 634



Evaluation of the Antioxidant Activity of Chlorella sorokiniana during Flask-Level Cultivation under Varying Photoheterotrophic Growth Conditions

Karla Valeria Gonzalez-ArteagaEstefanía Morales-CalderónJuan Carlos González-Hernández

OriginalPaper | 19 June 2025 | Pages: 635 - 648

