



Volume 59, Issue 3

June 2025



11 articles in this issue

Components of Bacterial Cell Walls as Targets for Searching for New Antibacterial Compounds: Methods of Study

E. A. ChingizovaO. D. NovikovaD. L. Aminin

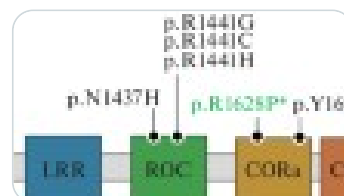
REVIEWS | 25 June 2025 | Pages: 293 - 319



Parkinson's Disease Associated with Mutations in the *LRRK2* Gene: Approaches to Therapy

T. S. UsenkoS. N. Pchelina

REVIEWS | 25 June 2025 | Pages: 320 - 335



Problems and Prospects of Molecular Psychogenetics in the Study of Transsexualism

A. O. ZhukovskiiS. A. KremenitskayaV. A. Vasilyev

REVIEWS | 25 June 2025 | Pages: 336 - 347

Small Nucleolar RNAs and Long Non-Coding RNAs of the SNHG Family in the Pathogenesis of Ovarian Cancer

A. M. BurdennyV. I. LoginovE. A. Braga

REVIEWS | 25 June 2025 | Pages: 348 - 364



Expression of Nonstructural Protein 1 of the Tick-Borne Encephalitis Virus Stimulates the Secretion of Extracellular Vesicles Capable of Activating IL-1 β Production

E. S. StarodubovaA. A. LatanovaV. L. Karpov

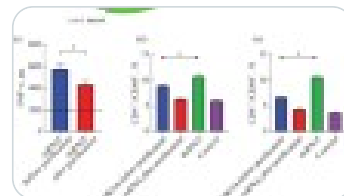
MOLECULAR CELL BIOLOGY | 25 June 2025 | Pages: 365 - 375



Needle-Free Jet-Delivered mRNA-Vaccine Encoding Influenza A(H1N1)pdm09 Hemagglutinin Protects Mice from Lethal Virus Infection

S. V. SharabrinA. A. IlyichevL. I. Karpenko

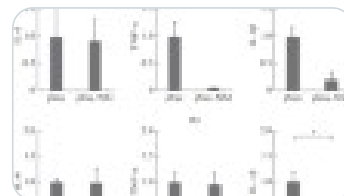
MOLECULAR CELL BIOLOGY | 25 June 2025 | Pages: 376 - 389



The NS1 Protein of the Tick-Borne Encephalitis Virus and Extracellular Vesicles from NS1-Expressing Cells: Effect on Expression of Genes of the Innate Immune Response in Neuroblastoma and Glioblastoma Cells

Y. V. KuzmenkoA. A. LatanovaE. S. Starodubova

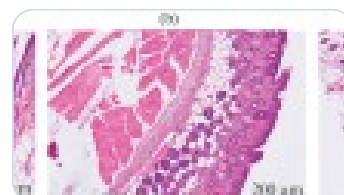
MOLECULAR CELL BIOLOGY | Open access | 25 June 2025 | Pages: 390 - 401



Immunization of Mice with the pVAXrbd DNA Vaccine by Jet Injection Induces a Stronger Immune Response and Protection against SARS-CoV-2 Compared to Intramuscular Injection by Syringe

D. N. KisakovM. B. BorgoyakovaL. I. Karpenko

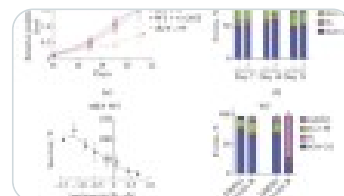
MOLECULAR CELL BIOLOGY | 25 June 2025 | Pages: 402 - 415



CDK8/19 in Stress Response in Mouse Embryonic Fibroblast Model

E. A. VarlamovaT. A. KirukhinaA. V. Bruter

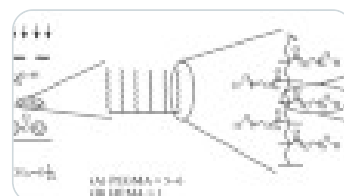
CELL MOLECULAR BIOLOGY | Open access | 25 June 2025 | Pages: 416 - 430



Immobilization of Protein Macromolecules in Biochip Cells Made of Various Polymers

G. F. ShtylevI. Yu. ShishkinA. V. Chudinov

STRUCTURAL-FUNCTIONAL ANALYSIS OF BIOPOLYMERS AND THEIR COMPLEXES | 25 June 2025 | Pages: 431 - 448



In silico Screening of Protein-Protein Interaction Modulators Using the p53 and 14-3-3γ Proteins as an Example

A. A. SargsyanN. G. MuradyanK. B. Nazaryan

STRUCTURAL-FUNCTIONAL ANALYSIS OF BIOPOLYMERS AND THEIR COMPLEXES | 25 June 2025 | Pages: 449 - 457

