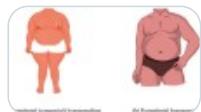


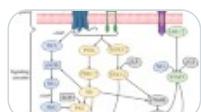
30 articles in this issue

## Relationship between Obesity Phenotype and Hormonal Disorders



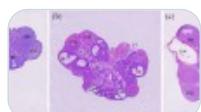
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## Signaling Mechanisms of Cardioprotection and Targeted Delivery of Cardioprotective Substances to the Myocardium to Prevent Reperfusion Injury



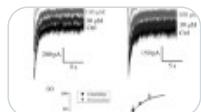
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## A Comparative Study of Dehydroepiandrosterone-Induced Polycystic Ovary Syndrome Models in Immature and Prepubertal Female Rats



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## Brimonidine and Cimetidine Are Weak NMDA Receptor Ion Channel Blockers



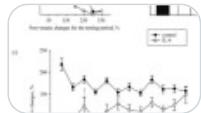
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## Effect of Aluminum Oxide-Polydimethylsiloxane Composite Sorbent on LYVE-1 and HIF-1 $\alpha$ Expression in the Brain of *db/db* Mice



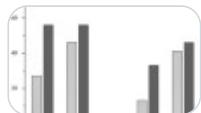
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## Effect of Interleukin-6 on Long-Term Potentiation Induction and Development in Rat Hippocampal Slices



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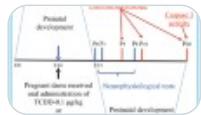
## Vasopressin-Dependent Water Permeability Regulation in Collecting Duct Principal Cells of Brattleboro Rats: the Role of cAMP



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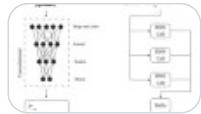
## **The Effect of Administration of a Low Dose of 2,3,7,8-Tetrachlorodibenzo-P-Dioxin to Pregnant Rats on the Ultrastructure of the Parietal Cortex and Neurodevelopmental Behavior of the Offspring in Early Ontogenesis**

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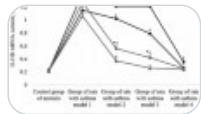
## **Using Artificial Intelligence Systems in Modern Neurobehavioral Research**

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## **The Effect of Sodium Cromoglycate and Intramural Ganglia on Interleukin-13 Receptor Gene Expression in the Trachea and Bronchi of Rats with Asthma**

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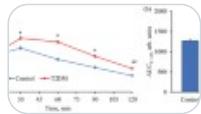


## **Dscam from Lophotrochozoa: The Option of Multiple Isoforms Is Ruled out**

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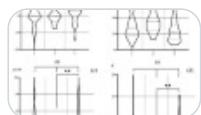


## **Stimulation of Ovarian Steroidogenesis and Ovulation in Mature Female Rats with Type 2 Diabetes Mellitus**



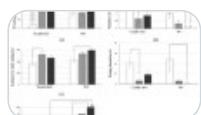
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## **Changes in Heart Rate Variability and Performance in Subjects during Sensorimotor Activity under Different Social Conditions**



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## **Long-Term Changes in Anxiety Level after Chronic Stress in TAAR1 Knockout Mice**



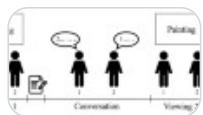
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## **Interaction of Theta and Alpha Rhythms during Awakening Depending on the Effectiveness of Task Performance**



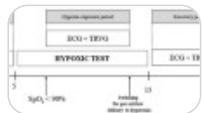
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## Inter-subject EEG Synchronization in the Esthetic Evaluation of a Painting in a Social Engagement Paradigm



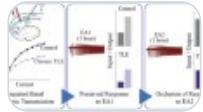
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## Dynamics of Autonomic Cardiac Control during Acute Normobaric Hypoxia Modeling in Volunteers with Varying Baseline Hypoxic Resistance



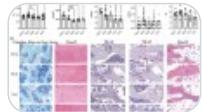
Experimental Papers | 19 December 2025 | Pages: 1876 - 1885

## Chronic Temporal Lobe Epilepsy Depletes the Synaptic Plasticity Reserve in the Rat Hippocampus



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## Histological and Molecular Features of Bone Remodeling at Early Stages of Chronic Kidney Disease: an Experimental Study



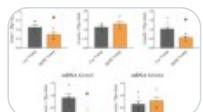
Experimental Papers | 19 December 2025 | Pages: 1895 - 1906

## Dynamics of Acute Kidney Injury in a Rat Model of Reversal Unilateral Ureteral Obstruction



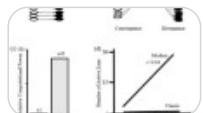
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## Alterations in NMDA and AMPA Receptor Subunit Gene Expression in the Prefrontal Cortex of Rats from Different Age Groups in a Model of Depressive-Like Behavior



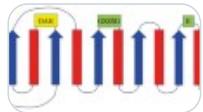
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## Morphofunctional Features of Hippocampal Mossy Fibers



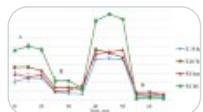
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## Esterase Profile: Structural, Functional and Evolutionary Aspects of Human and Animal Blood Esterases

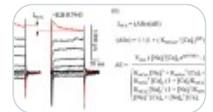


Reviews | 19 December 2025 | Pages: 1952 - 1983

## Mitochondrial Dysfunction in Primary Mixed Culture of Hippocampal Neurons in the *Hprt1*<sup>del8Val</sup> Mouse Model

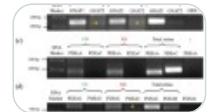


## Revealing the Direct Modulation of Sodium-Calcium Exchanger by Na/K-ATPase in Cortical Neurons



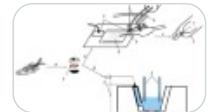
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## Dominant Expression of Rod-Specific Isoforms Defines the Phototransduction Cascade in Both “Red” and “Green” Rods of the Toad



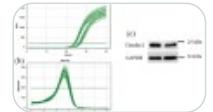
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## The Involvement of cAMP in the Adaptation of Red-Sensitive Cones in Zebrafish: an Electrophysiological Study at the Level of Single Cells and the Entire Retina



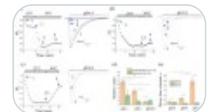
Experimental Papers | 19 December 2025 | Pages: 2012 - 2025

## Localization of Claudin-2 in Brain Neurons



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## Temperature-Dependence of ASIC1a Tachyphylaxis



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## A Novel Doppler Assessment of Vascular Aging: Integrating Aortic Stiffness and Cerebral Hemodynamics



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