



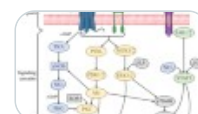
30 articles in this issue

## **Relationship between Obesity Phenotype and Hormonal Disorders**



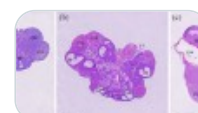
**Reviews** | 19 December 2025 | Pages: 1651 - 1670

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



**Reviews** | 19 December 2025 | Pages: 1671 - 1691

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



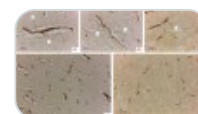
**Experimental Papers** | 19 December 2025 | Pages: 1692 - 1705

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



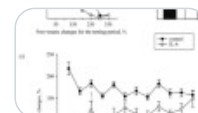
**Experimental Papers** | 19 December 2025 | Pages: 1706 - 1719

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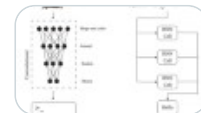
## **Vasopressin-Dependent Water Permeability Regulation in Collecting Duct Principal Cells of Brattleboro Rats: the Role of cAMP**



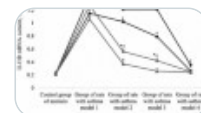
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The diagram illustrates the neurobiological model of TCE effects on the developing brain. It shows a timeline of prenatal development from 0 to 21 weeks. TCE exposure is indicated by a vertical bar at approximately 10 weeks. Key neurobiological events are marked: Neurogenesis (0-10 weeks), Synaptogenesis (10-15 weeks), and Myelination (15-21 weeks). TCE exposure is shown to affect Neurogenesis, Synaptogenesis, and Myelination. The resulting neurobiological state is characterized by altered Neurogenesis, Synaptogenesis, and Myelination, leading to altered Prenatal development.

## Using Artificial Intelligence Systems in Modern Neurobehavioral Research



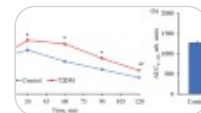
## The Effect of Sodium Cromoglycate and Intramural Ganglia on Interleukin-13 Receptor Gene Expression in the Trachea and Bronchi of Rats with Asthma



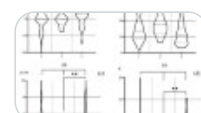
### Dscam from Lophotrochozoa: The Option of Multiple Isoforms Is Ruled out



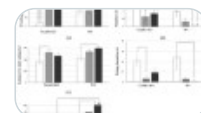
## **Stimulation of Ovarian Steroidogenesis and Ovulation in Mature Female Rats with Type 2 Diabetes Mellitus**



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



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



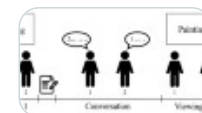
### Interaction of Theta and Alpha Rhythms during Awakening Depending on the Effectiveness of Task Performance



Experimental Papers | 19 December 2025 | Pages: 1856 - 1865

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

Experimental Papers | 19 December 2025 | Pages: 1866 - 1875



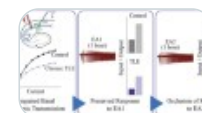
## **Dynamics of Autonomic Cardiac Control during Acute Normobaric Hypoxia Modeling in Volunteers with Varying Baseline Hypoxic Resistance**

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



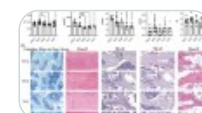
## **Chronic Temporal Lobe Epilepsy Depletes the Synaptic Plasticity Reserve in the Rat Hippocampus**

Experimental Papers | 19 December 2025 | Pages: 1886 - 1894



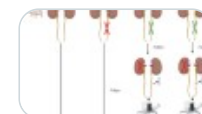
## **Histological and Molecular Features of Bone Remodeling at Early Stages of Chronic Kidney Disease: an Experimental Study**

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



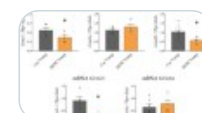
## **Dynamics of Acute Kidney Injury in a Rat Model of Reversal Unilateral Ureteral Obstruction**

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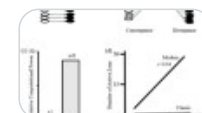
## **Alterations in NMDA and AMPA Receptor Subunit Gene Expression in the Prefrontal Cortex of Rats from Different Age Groups in a Model of Depressive-Like Behavior**

Experimental Papers | 19 December 2025 | Pages: 1917 - 1931



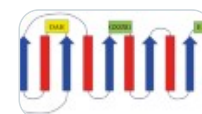
## **Morphofunctional Features of Hippocampal Mossy Fibers**

Reviews | 19 December 2025 | Pages: 1932 - 1951



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

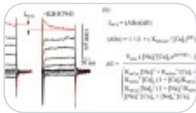
Reviews | 19 December 2025 | Pages: 1952 - 1983



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

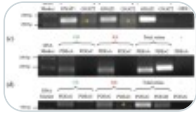


**Revealing the Direct Modulation of Sodium-Calcium Exchanger by Na/K-ATPase in Cortical Neurons**



Experimental Papers | 19 December 2025 | Pages: 1997 - 2004

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



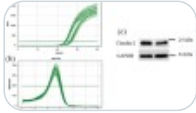
Experimental Papers | 19 December 2025 | Pages: 2005 - 2011

**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**



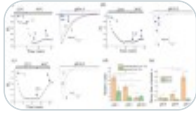
Experimental Papers | 19 December 2025 | Pages: 2012 - 2025

**Localization of Claudin-2 in Brain Neurons**



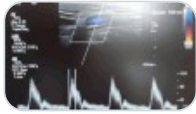
Experimental Papers | 19 December 2025 | Pages: 2026 - 2033

**Temperature-Dependence of ASIC1a Tachyphylaxis**



Experimental Papers | 19 December 2025 | Pages: 2034 - 2040

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



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