

Экспериментальная и клиническая ФАРМАКОЛОГИЯ



6
2013



ФОЛИУМ
ИЗДАТЕЛЬСКИЙ ДОМ

EDITORIAL BOARD

Editor-in-Chief
V. P. Flisenko

R. S. Mirzoyan
(Executive Secretary)

D. A. Kharkevich
T. A. Voronina
Yu. D. Ignatov
V. G. Kukes
V. A. Makarov
O. S. Medvedev
V. I. Metelitsa
G. G. Neznamov
R. D. Seifulla
S. B. Seredenin
A. K. Starodubtsev
V. V. Churyukanov
N. L. Shimanovskii
V. V. Yasnetsov

EDITORIAL COUNCIL

V. P. Akopyan (Erevan)
É. B. Arushanyan (Stavropol')
L. Kh. Allikmets (Tartu)
V. V. Gatsura (Moskva)
V. V. Dunaev (Zaporozh'e)
U. B. Zakirov (Tashkent)
F. S. Zarudii (Ufa)
A. Z. Zurdinov (Bishkek)
N. N. Karkishchenko (Moscow)
R. S. Kuzdenbaeva (Aktyubinsk)
D. N. Lazareva (Ufa)
Sh. M. Omarov (Makhachkala)
V. I. Petrov (Volgograd)
K. M. Reznikov (Voronezh)
N. S. Sapronov (St.-Petersburg)
A. A. Spasov (Volgograd)
I. N. Tyurenkov (Volgograd)
L. A. Usov (Irkutsk)
Yu. N. Chekman (Kiev)
Yu. N. Chernov (Voronezh)
P. D. Shabanov (St.-Petersburg)

V. F. Strizhova – Staff Editor

EDITORIAL'S ADDRESS

Editorial Office of the Journal «Experimental and Clinical Pharmacology», Zakusov Institute of Pharmacology, Russian Academy of Medical Sciences, Baltiiskaya ul. 8, Moscow, 125315, Russia
Tel.: +7 (499) 248-6575, (495) 601-2419
ekf@folium.ru
ekf.folium.ru

PUBLISHER

Folium Publishing House

PUBLISHER'S ADDRESS

58 Dmitrovskoe shosse,
Moscow, 127238, Russia

Tel.: +7 (495) 482-5544
info@folium.ru
www.folium.ru

Printed by Folium Publishing House

RUSSIAN ACADEMY OF MEDICAL SCIENCES
RUSSIAN SCIENTIFIC SOCIETY OF PHARMACOLOGY

Experimental and clinical PHARMACOLOGY

ISSN 0869-2092

No. **6**

2013 Vol. 76

MONTHLY SCIENTIFIC-THEORETICAL JOURNAL

ESTABLISHED JUNE 1938

CONTENTS**Neuropharmacology**

Kozhechkin S. N., Mednikova Yu. S., and Kolik L. G. Electrophysiological Study of Acamprostate Effects on Frontal Cortical Neurons in Rats 3

Cardiovascular Pharmacology

Mirzoyan N. R., Khostikyan N. G., Meliksetyan V. S., Alikhanyan C. B., Stepanyan A. G., Hakobyan A. A., Kukhtarova A. M., and Baghdasaryan N. A. The Effect of 5-Hydroxyadamantan-2-one on Morphological Status of Rats' Brain Tissues in Local Permanent Ischemia Conditions 7

Volotova E. V., Kurkin D. V., Mazina N. V., Berestovitskaya V. M., and Vasilyeva O. S. Comparative Analysis of Action of Beta-Phenyl Derivatives of Glutamic and Gamma-Aminobutyric Acid on Cerebral Blood Flow and Cerebrovascular Endothelium after Irreversible Occlusion of the Common Carotid Artery 11

Shimkus Yu. Yu. and Sapegin I. D. The Effect of Betahistine on Histological Changes in Rabbit Brain in Model of Whole Body Wide-Frequency Vibration 14

Pharmacology of the Kidney

Landar L. N. and Kuz'min O. B. Analysis of the Role of Neurohumoral Systems in Action of Dopaminomimetic Dopamine on Ion-Regulating Renal Function 18

Pharmacology of the Blood System

Panyushkin V. V., Rozhkova E. A., Turova E. A., Seifulla R. D., Gozulov A. S., and Kuznetsov Yu. M. Usage of Flavonoids for Effective Correction of Functional and Structural Breaches of Erythrocytes Membranes During an Extraordinary Physical Strain in Experiments 22

Spasov A. A., Kucheryavenko A. F., Tian M., and Anisimova V. A. Antithrombotic Activity of RU-891 Antiaggregant Agent 25

Immunopharmacology

Mezentseva M. V., Agrba V. Z., Agumava A. A., and Lapin B. A. Efficiency of Cycloferon Against Slow Viral Infection Caused by SV-40 in Monkeys and Man 27

Pharmacokinetics

Novitskaya Ya. G., Litvin A. A., Viglinskaya A. O., and Zherdev V. P. Evaluation of Pharmacokinetic Interaction of Aphobazole with CYP1A2 Drug-substrate in Experiments 30

Shevchenko R. V., Litvin A. A., Kolyvanov G. B., Boyko S. S., Zherdev V. P., Serebrova S. Yu., Ivashkina N. Yu., Neznamov G. G., and Syunyakov S. A. Clinic Pharmacokinetics of a New Original Antipsychotic drug Dilept 34

Various Aspects

Petrova E. V., Oganesyana E. T., Kodonidi I. P., and Ghoglo E. N. Comparative Antioxidant and Antihypoxic Activities of new 1,4-Dihydro-4-oxopyrimidine Derivative — Compound PDMpT·HCl and Mexidol 38

Zryachkin N. I. and Chudakova T. K. The Efficiency of Reamberinum In Infusion Therapy of Acetonemic Syndrome in Children 41