

CONTENT

REVIEWS

- Bobyrev V. N., Devyatkina N. N.* New mechanisms of chamomile and calendula as the basis of their use in modern medicinal remedies for dental practice 3
- Kizub I. V., Klymenko K. I., Soloviev A. I.* Protein kinase C participation in mechanisms of vascular tone abnormality in diabetes mellitus. Part 1 10
- Marievsky V. F., Voronin E. F., Chekman I. S., Grebelnyk A. I.* Polyhexamethylene guanidine hydrochloride as a perspective biocidal medication 17

CONTEMPORARY ASPECTS OF NEUROPHARMACOLOGY

- Bondarev Ye. V.* Experimental basis of glucosamine hydrochloride use as a nootropic action mean 22

IN SCIENTIFIC LABORATORIES

- Bobkova L. S., Buhtiarova T. A.* Modeling of analgesic activity of the pyridine derivatives by determining descriptors complementary to neuromediators 26
- Butko Y. O., Drogovoz S. M., Lyapunova A. N., Bulyga L. O.* The study of glucocorticosteroids and ceramides influence on immunobiochemical markers of inflammation in allergic dermatitis 35
- Valica V., Parii S., Rusnac L., Ungureanu A., Nicolai E., Todiras M.* Preclinical studies of hepatoprotective efficacy of a new combined drug Neamon-hepa 40
- Doroshenko A. M.* Study of iron nanoparticles acute oral and intravenous toxicity 48
- Klymenko K. I., Novokhatska T. V., Polyakov V. I., Zhukovsky O. I., Bondar V. V., Soloviev A. I.* The effect of taurocholic acid diisopropylphosphate-oligoethyleneglycol on outward potassium currents in aortic myocytes of rats with experimental diabetes 58
- Mochort N. A., Gerashchenko I. V., Shkrabak A. A., Mazur Yu. Yu., Veklich T. O.* The derivatives of imidazo[1,2-a]azepine as modifiers of myometrium contractile activity 65
- Nagornaya E. A., Gorchakova N. A., Chekman I. S., Belenichev I. Ph., Bruzgina T. S.* Cooperative quinapril and angiotensin influence on the fatty acids content in rats blood plasma with arterial hypertension 73
- Novokhatska T., Klymenko K., Dosenko V., Soloviev A.* Fact or fancy: Does the high level of PKC-delta gene expression contribute to potassium channels malfunction at arterial hypertension and diabetes? 78
- Pryskoka A. O.* Acute intraperitoneal toxicity study of silver nanoparticles 85
- Pyaskovskaya O. N., Gorbik G. V., Yakshibaeva Yu. R., Rodionova N. K., Momot V. Y., Solyanik G. I.* Correction of cancer-associated anemia by grape polyphenols 91
- Pakryshen' S. V., Kylymnyk E. N.* Morpho-functional state of cardiomyocytes contractile apparatus in rats with doxorubicin cardiomyopathy and possible ways of its pharmacological correction 99

- INFORMATION FOR DRUG`S SAFE USE** 106

- PERSONALITIES** 108