

11. Biological methods

1. Volchyk I.V. Cell lines using in toxicology and pharmacology / I.V. volchyk, S.M. Drogovoz, T.M. Chernova // *The Odessa Medical Journal*. – 2002. – № 4(72). – P. 110.
2. Volchyk I.V. Priority of cell lines using for pharmacological and toxicological studies / I.V. volchyk, S.M. Drogovoz, T.M. Chernova // *Physiological active substances*. . – 2002. - № 2(34). – P. 80-82.
3. Cytoprotective properties of the cell line HepG2 in the toxicological influence of gentamicine in the in vitro experiment / I.V. volchyk, S.M. Drogovoz, O.V. Dorovsii etc. // *Bulletin of pharmacy*. – 2003. - № 4(36). – P. 95-98.
4. The efficacy assessment of hepatoprotectors effect in vitro in the model of the lesion of HepG2 line by D-galactosamine / I. V. Volchik, L.M. Maloshtan, V.M. Kovalenko etc // *Pharmaceutical journal*. – 2004. - № 4. – P. 91-94.
5. Volchyk I.V. The hepatoprotective activity of Glutargin in vitro / I.V. Volchyk, L.M. Maloshtan // *Clinical pharmacy*. 2004. – V.8, № 4. – P. 46-49.
6. Volchyk I.V. The potency test in vitro of efficacy and toxicity of Lioliv / I.V. Volchyk, S.M. Drogovoz, N.I. Prokopishak // *Materials of theoretical and practical conference “Medications for human”*. – Kharkov. 2002. – V. XVII. – P. 106.
7. Volchyk I.V. The study of pharmacotherapeutical characteristics of arginine glutamate in vitro / *International seminar “Laboratory animals – possible alternatives in experimental pharmacology”*: Tes. of reports. – Kharkov. 2002. – P.45.
8. Volchyk I.V. Hepatoprotectors effect on the biochemical condition of hepatocytes in the model CCl₄ action in vitro / I.V. Volchyk, L.M. Maloshtan // *Ukrainian theoretical and practical conference with international participation “Medications for human”*. Materials of the conference. – Kharkov. – 2004. – p. 39.
9. Chernih V.P., Maloshtan L.M., Drogovoz S.M., Volchyk I.V., Mikulinskiy Ju.Je., Shegilska O.A. The test-system on the base of hepatocytes using in the efficacy testing of biological active substances. Methodical recommendation. – Kiyv. 2005.
10. Volchyk I.V., Maloshtan L.N., Dorovskoy A.V. The hepatoprotective properties of glutargin testing in a human hepatocytes culture. // *Scientific and practical conference “Achievements and perspectives of national medication Glutargin using in the clinic of internal diseases”*. Tes. of reports. Kharkiv. 2005. – p. 152.
11. The declarative patent: The way of testing of toxicological and pharmacological doses of medications substances. Volshyk I.V., Mikuliskii Ju. Ju., Drogovoz S.M., Chepelyuk V.I., Shegil'ska O.A. / (19)UA(11)66216(13)A. - Bul. № 4 of 15.04.2004. 5p.
12. Volchyk I.V. The morphometrical estimation of the condion of cells in the cell culture HepG2 under the influence of Lioliv, Glutargin and Silibor at the base of tetracycline affection / I.V. Volchyk, K.V. Drogovoz // *Clinical pharmacy*. – 2010. – N 3. – P. 57-59.
13. Volchyk I.V. The comparison of efficacy of Lioliv, Glutargin and Silibor in the model pathology in vivo and in vitro / I.V. Volchyk, K.V. Drogovoz // *Farmacom*. – 2010. – N 2. – P.68-71.