

## Department of Regulation of Cell Proliferation and Apoptosis

### Publications 2019

#### Статті у виданнях, які мають імпакт-фактор:

1. Paiuk O. Fluorine-containing block/branched polyamphiphiles forming bioinspired complexes with biopolymers / O. Paiuk, N. Mitina, M. Slouf, E. Pavlova, N. Finiuk, N. Kinash, A. Karkhut, N. Manko, T. Gromovoy, O. Hevus, Y. Shermolovich, R. Stoika, A. Zaichenko // *Colloids Surf. B Biointerfaces*. – 2019. – Vol. 174. – P. 393-400. Doi: 10.1016/j.colsurfb.2018.11.047. Epub 2018 Nov 20. (IF= 3.973)
2. Kobylinska L. Comb-like PEG-containing polymeric composition as low toxic drug nanocarrier / L. Kobylinska, I. Patereha, N. Finiuk, N. Mitina, A. Riabtseva, I. Kotsyumbas, R. Stoika, A. Zaichenko, S. Vari // *Cancer Nanotechnol.* – 2018. – Vol. 9, №1. – P. 11. Doi: 10.1186/s12645-018-0045-5. Epub 2018 Dec 20. (IF= 2.4)
3. Kobylinska L. Enhanced proapoptotic effects of water dispersed complexes of 4-thiazolidinone-based chemotherapeutics with a PEG-containing polymeric nanocarrier / L. Kobylinska, I. Ivasechko, N. Skorokhyd, R. Panchuk, A. Riabtseva, N. Mitina, A. Zaichenko, R. Lesyk, B. Zimenkovsky, R. Stoika, S. Vari. // *Nanoscale Res. Lett.* – 2019. – Vol. 14, №1. – P. 140. Doi: 10.1186/s11671-019-2945-7. (IF= 3.125)
4. Finiuk N. Proapoptotic effects of novel thiazole derivative on human glioma cells / N. Finiuk, O. Klyuchivska, I. Ivasechko, V. Hreniukh, Y. Ostapiuk, Y. Shalai, R. Panchuk, V. Matiychuk, M. Obushak, R. Stoika, A. Babsky // *Anticancer Drugs*. – 2019. – Vol. 30, №1. – P. 27-37. Doi: 10.1097/CAD.0000000000000686. (IF= 1.801)
5. Antonyuk V. Use of lectins as vector molecules for delivery of drugs to cells and tissues / V. Antonyuk, N. Skorohyd, A. Lozynskyi, R. Antonyuk, R. Lesyk, R. Stoika // *Biopolymers and Cell*. - 2019. - Vol. 35, №1. - P 54–63. Doi: 10.7124/bc.000994. (IF= 0.417)
6. Kobylinska L. Targeting of the pro-oxidant-antioxidant balance in vitro and in vivo by 4-thiazolidinone-based chemotherapeutics with anticancer potential // L. Kobylinska, O. Klyuchivska, R. Lesyk, R. Stoika // *Ukr. Biochem. J.* – 2019. – Vol. 91, №2. – P. 7-17. Doi: 10.15407/ubj91.02.007. (IF= 0.195)
7. Finiuk N. Apoptosis induction in human leukemia cells by novel 2-amino-5-benzylthiazole derivatives / N. Finiuk, I. Ivasechko, O. Klyuchivska, Yu. Ostapiuk, V. Hreniukh, Ya. Shalai, V. Matiychuk, M. Obushak, A. Babsky, R. Stoika // *Ukr. Biochem. J.* – 2019. – Vol. 91, №2. – P. 29-39. Doi: 10.15407/ubj91.02.029. (IF= 0.195)

#### Монографія (розділи монографії), подані до друку:

Nataliya Finiuk, Anastasiia Buziashvili, Natalia Mitina [et al.] Application of nanomaterials for genetic engineering of plant cells / In: *Advances in Plant Biotechnology*. - Nova Science Publishers, Inc., 2019. Hauppauge, NY 11788 USA