

Institute of Cell Biology of the National Academy of Sciences of Ukraine

Department of Cell Signaling

Publications

2025

Published scientific articles:

All – 3

Including articles in the international journals– 2

Total impact factor– 4,8

List of the articles published in international scientific peer-reviewed journals, indexed in Web of Science Core Collection and Scopus databases:

1. Chen O., Vovk O., Polishchuk N., Mayevska O., Shuvayeva G., Demir M., Lukiyanuk V., Kunz-Schughart L. A., Dubrovskaya A., Stasyk O. (2025). Adaptation to Arginine Deprivation Leads to a More Aggressive, Therapy-Resistant Phenotype in HNSCC Cells. *Biomolecules*, 15(6), 900. <https://doi.org/10.3390/biom15060900> (IF – 4.8) Q1
2. Shuvayeva G., Tupyshak M., Vovk O., Demash D., Chernyshuk S., Bobak Y., Prokopiv A., Pokhodylo N., Kunz-Schughart L.A., Fletcher M.T., Stasyk O. (2025). Extract of *Indigofera spicata* Exerts Antiproliferative Effects on Human Colorectal and Ovarian Carcinoma Cells. *Toxins*, 17, 431. <https://doi.org/10.3390/toxins17090431> (IF – 4.0) Q1

Monographs:

Stasyk O.G., Stasyk O.V. (2025). Chapter 10: Production of Recombinant Proteins in the Methylophilic Yeasts. In: Sibirny A.A. (eds) *Biotechnology of Yeasts and Filamentous Fungi. Grand Challenges in Biology and Biotechnology*. Springer, Cham. https://doi.org/10.1007/978-3-031-74726-7_10

Patent (UA):

Patent of Ukraine for a utility model No. 160018. Method of obtaining extract from the leguminous plant *Indigofera spicata* with antimicrobial and antitumor properties // Demash D.V., Stasyk O.H., Vaskiv O. V., Shuvaieva H. Y., Tupyshak M. A., Vovk O. I., Hromyko O. M., Prokopiv A. I., Stasyk O. V.; applicant Institute of Cell Biology, National Academy of Sciences of Ukraine; published 07/30/2025, Bulletin No. 31/2025 <https://sis.nipo.gov.ua/uk/search/detail/1868206/>