

**Списък с публикациите, участващи в конкурса, като еквивалентен брой статии за  
хабилитационен труд по показател „В” на д-р Людмила Велкова,  
доцент в лаб. ХБПЕ, ИОХЦФ-БАН**

- B1.** Dolashki, A., **Velkova, L.\***, Daskalova, E., Zheleva, N., Topalova, Y., Atanasov, V., Voelter, W., Dolashka, P. Antimicrobial activities of different fractions from mucus of the garden snail *Cornu aspersum*. *Biomedicines* **2020**, 8(9), 315-332.  
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- B2.** Dolashki, A., Antonova O., **Velkova L.\***, Kaynarov D., Voelter W., Dolashka P. Selective cytotoxicity and changes in protein expression of T24 bladder carcinoma permanent cell line after treatment with hemocyanins. *Current Medicinal Chemistry* **2022**, 29(42), 6479-6498.  
(SJR: 0.8, JCR-IF<sub>2020</sub> – 4.1, Q1)  
<https://www.eurekaselect.com/article/125674>
- B3.** Petrova, M., Vlahova, Z., Schröder, M., Todorova, J., Tzintzarov, A., Gospodinov, A., **Velkova, L.\***, Kaynarov, D., Dolashki, A., Dolashka, P., Ugrinova, I. Antitumor Activity of Bioactive Compounds from *Rapana venosa* against Human Breast Cell Lines. *Pharmaceuticals* **2023**, 16(2), 181.  
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- B4.** Kaynarov, D., Marinova, K. Marinova, R., Petkov, P., **Velkova, L.\***, Dolashki, A., Petrov, P., Litov, L., Lilkova, E., Dolashka, P., Ilieva, N. In silico and physico-chemical characterization of cluster formation dynamics in peptide solutions. *Biochemistry and Biophysics Reports* **2024**, 39, 101753.  
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- B5.** **Velkova, L.\***, Dolashki, A., Petrova, V., Pisareva, E., Kaynarov, D., Kermedchiev, M., Todorova, M., Dolashka P. Antibacterial Properties of Peptide and Protein Fractions from *Cornu aspersum* Mucus. *Molecules* **2024**, 29(12), 2886.  
(SJR 0.75, JCR-IF<sub>2023</sub> – 4.2, Q1)  
<https://doi.org/10.3390/molecules29122886>
- B6.** Atanasov, V., **Velkova, L.\***, Tancheva, L., Dolashki, A., Kalfin, R., Dolashka, P. Key proteins in rat cerebral cortex: application of *Cornu aspersum* extract as neuroprotective agent in Alzheimer’s type dementia. *Molecules* **2024**, 29(22), 5375.  
(SJR 0.75, JCR-IF<sub>2023</sub> – 4.2, Q1)  
<https://doi.org/10.3390/molecules29225375>