# Списък на научните трудове

## на доц. дн Ваня Николова Мантарева

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1. **Mantareva***, **V**.; Kussovski, V.; Orozova, P.; Dimitrova, L.; Kulu, I.; Angelov, I.; Durmus, M.; Najdenski, H. Photodynamic Inactivation of Antibiotic-Resistant and Sensitive Aeromonas hydrophila with Peripheral Pd(II)- *vs*. Zn(II)-Phthalocyanines. *Biomedicines*, 10(2), 384-394, **2022**. (**Q1, IF: 4.8**)
   http://doi.org/10.3390/biomedicines10020384

2. **Mantareva***, **V**.; Iliev, I.; Sulikovska, I.; Durmus, M.; Genova, Ts. Collagen Hydrolysate Effects on Photodynamic Efficiency of Gallium (III) Phthalocyanine on Pigmented Melanoma Cells. *Gels*, 9(6), 475, **2023**. (**Q1, IF:4.6**)
   https://doi.org/10.3390/gels9060475

3. **Mantareva***, **V**.; Iliev, I.; Sulikovska, I.; Durmus, M.; Angelov, I. Cobalamin (Vitamin B12) in Anticancer Photodynamic Therapy with Zn(II) Phthalocyanines. *Int*. *J*. *Mol*. *Sciences*, 24(5), 4400, **2023**. (**Q1, IF: 5.0**)
   https://doi.org/10.3390/ijms24054400

4. **Mantareva***, **V**.; Kussovski, V.; Orozova, P.; Angelov, I.; Durmus, M.; Najdenski, H. Palladium Phthalocyanines Varying in Substituents Position for Photodynamic Inactivation of *Flavobacterium hydatis* as Sensitive and Resistant Species. *Curr*. *Issues Mol*. *Biol*., 44(5), 1950-1959, **2022**. (**Q2, IF: 3.1**)
   http://doi.org/10.3390/cimb44050133

5. **Mantareva***, **V**.; Braikova, D.; Vilhelmova-Ilieva, N.; Angelov, I.; Iliev, I. Accomplishment of α-Chymotrypsin on Photodynamic Effect of Octa-Substituted Zn(II)- and Ga(III)-Phthalocyanines against Melanoma Cells. *Inorganics*, 12(8), 204, **2024**. (**Q2, IF: 3.03**)
   http://doi.org/10.3390/inorganics12080204

6. **Mantareva*, V**.; Syuleyman, M.; Slavova-Kazakova, A.; Angelov, I.; Durmus, M. Mestranol moieties clicked to Zn(II)phthalocyanine for controllable photosensitized oxidation of cholesterol. *Arch*. *of Biotech*. *and Biomed*., 5, 041-048, **2021**. ISSN:2639-6777, DOI:10.29328/journal.abb.1001027 (**IF: 3.33**, други бази данни)
   https://www.biotechmedjournal.com/articles/abb-aid1027.php

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