

ГЛ. АСИСТЕНТ Д-Р АНТОН ВЕСЕЛИНОВ ХИНКОВ
ЛАБОРАТОРИЯ „ВИРУСОЛОГИЯ“
БИОЛОГИЧЕСКИ ФАКУЛТЕТ, СУ „СВ. КЛИМЕНТ ОХРИДСКИ”

**НАУЧНИ ПУБЛИКАЦИИ, ПРЕДСТАВЕНИ ЗА УЧАСТИЕ В
КОНКУРСА ЗА ЗАЕМАНЕ НА АКАДЕМИЧНАТА ДЛЪЖНОСТ
„ДОЦЕНТ“**

1. Benedetti F., F.Berti, S. Budal, P. Campaner, F. Dinon, A. Tossi, R. Argirova, P. Genova, V. Atanassov, **A. Hinkov**, (2012): Synthesis and Biological Activity of Potent HIV-1 Protease Inhibitors Based on Phe-Pro Dihydroxyethylene Isosteres. *J. Med. Chem.* 2012, 55, p. 3900–3910 DOI: 10.1021/jm3001136 **IF₂₀₁₂=5.614, SJR₂₀₁₂=2.343; Q1**
2. Stankova, I., K. Stanoeva, **A. Hinkov**, I. Alexiev, P. Genova-Kalou, R. Chayrov, R. Argirova. 2012. Amino acid and peptide esters of abacavir: synthesis and activity against human immunodeficiency virus type 1 in cell culture. *Medicinal Chemistry Research*, 21, 4053-4059. DOI: 10.1007/s00044-011-9956-y **IF₂₀₁₂= 1.612, SJR₂₀₁₂= 0.375; Q3**
3. Moyankova D., **A. Hinkov**, D. Georgieva, S. Shishkov, D. Djilianov . 2014. Inhibitory Effect of Extracts from *Haberlea Rhodopensis* Friv. against Herpes Simplex Virus. *Доклади на Българската академия на науките (Comptes rendus de l'Acad'emie bulgare des Sciences)*. 2014, 63(10), p. 1369-1376 **IF₂₀₁₄=0.284; SJR₂₀₁₄=0.205; Q3**
4. Todorov, D., **A. Hinkov**, K. Shishkova, S. Shishkov. 2014. Antiviral potential of Bulgarian medicinal plants. *Phytochem. Rev.*, 13 (2): 525-538. DOI: 10.1007/s11101-014-9357-1, **IF₂₀₁₄=2.894, SJR₂₀₁₄=0.923; Q1**
5. Zahmanov, G., K. Alipieva, P. Denev, D. Todorov, **A. Hinkov**, S. Shishkov, M. I. Georgiev, 2015. Flavonoid glycosides profiling in dwarf elder fruits (*Sambucus ebulus* L.) and evaluation of their antioxidant and anti-herpes simplex activities. *Industrial Crops and Products*. 2015, 63, p. 58-64 DOI:10.1016/j.indcrop.2014.10.053 **IF₂₀₁₅=3.449, SJR₂₀₁₅=1.049; Q1**

6. Todorov, D., K. Shishkova, D. Dragolova, **A. Hinkov**, V. Kapchina-Toteva, S. Shishkov. 2015. Antiviral activity of medicinal plant *Nepeta nuda*. *Biotechnol. Biotechnol. Equipment*, 29 (Suppl. 1): 39-S43. DOI:10.1080/13102818.2015.1047215. **IF₂₀₁₅=0.379, SJR₂₀₁₅=0.173; Q4.**

7. Todorov, D., D. Pavlova, **A. Hinkov**, K. Shishkova, D. Dragolova, V. Kapchina-Toteva, S. Shishkov. 2015. Effect of *Teucrium chamaedrys* L. on Herpes simplex virus type 2. *Compt. rend. Acad. bulg. Sci.*, 68 (12): 1519-1526. **IF₂₀₁₅= 0.233, SJR₂₀₁₅=0.205; Q3.**

8. Angelova, P., **A. Hinkov**, V. Tsvetkov, D. Todorov, K. Shishkova, D. Dragolova, S. Shishkov, V. Kapchina-Toteva. 2018. Antiherpes virus activity of extracts from *Artemisia chamaemelifolia* Vill. *Compt. rend. Acad. bulg. Sci.*, Vol 72, No11, pp.1475-1483. **IF₂₀₁₈=0.251; SJR₂₀₁₈=0.21; Q2.**

9. **Hinkov A.**, Angelova P., Marchev A., Hodzhev Y., Tsvetkov V., Dragolova D, Todorov D, Shishkova K., Kapchina-Toteva V., Blundell R., Shishkov S., Georgiev. M., 2020. *Nepeta nuda ssp. nuda* L. water extract: Inhibition of replication of some strains of Human Alpha herpes virus (genus Simplex virus) in vitro, mode of action and NMR-based metabolomics, *Journal of Herbal Medicine* (2020), doi: <https://doi.org/10.1016/j.hermed.2020.100334>. **IF₂₀₂₀=1.554, SJR₂₀₂₀=0.483; Q2.**

10. Chuchkov K., R. Chayrov , **A. Hinkov**, D. Todorov, K. Shishkova, I. G. Stankova. 2020. Modifications on the heterocyclic base of ganciclovir, penciclovir, acyclovir - syntheses and antiviral properties, *Nucleosides, Nucleotides & Nucleic Acids*, 39:7, 979-990. DOI: 10.1080/15257770.2020.1725043 **IF₂₀₂₀=1.381, SJR₂₀₂₀=0.27; Q3.**

11. Todorov, S. D., V. Q. Cavicchioli, M. Ananieva, V. P. Bivolarski, T. A. Vasileva, **A. V. Hinkov**, D.G. Todorov, S. Shishkov, T.f Haertlé, I.N. Iliev, L.A. Nero, I. V. Ivanova, (2020). Expression of coagulin A with low cytotoxic activity by *Pediococcus pentosaceus* ST65ACC isolated from raw milk cheese. *Journal of applied microbiology*, 128(2), 458-472. DOI 10.1111/jam.14492 **IF₂₀₂₀=3.066, SJR₂₀₂₀=0.889; Q2**

12. Tsvetkov, V., **A. Hinkov**, D. Todorov, E. Benova, I. Tsonev, T. Bogdanov, S. Shishkov & K. Shishkova. 2020. Effect of Plasma-Activated Medium and Water on Replication and Extracellular Virions of Herpes Simplex Virus-1. *Plasma medicine*, 10, 1, 15-26. DOI: 10.1615/PlasmaMed.2020033626. **SJR₂₀₂₀=0.228; Q3.**
13. Tsvetkov, V., D. Todorov, **A. Hinkov**, K. Shishkova, L. Velkova, A. Dolashki, P. Dolashka, S. Shishkov. 2021. Effect of extracts of some species from Phylum Mollusca against the replication of Human Alphaherpesviruses. *Bulgarian Chemical Communications*, 53, Special Issue-A, 66–72. **IF₂₀₂₁=1.554, SJR₂₀₂₁=0.168; Q4.**
14. Petrova, D., U. Gašić, L. Yocheva, **A. Hinkov**, Z. Yordanova, G. Chaneva, D. Mantovska, M. Paunov, L. Ivanova, M. Rogova, K. Shishkova, D. Todorov, A. Tosheva, V. Kapchina-Toteva, V. Vassileva, A. Atanassov, D. Mišić, G. Bonchev and M. Zhiponova. 2022. Catmint (*Nepeta nuda* L.) Phylogenetics and Metabolic Responses in Variable Growth Conditions. *Front. Plant Sci.* 13:866777. doi: 10.3389/fpls.2022.866777. <https://doi.org/10.3389/fpls.2022.866777>. **IF₂₀₂₁=6.627, SJR₂₀₂₁=1.359; Q1.**
15. Todorov, D., V. Tsvetkov, **A. Hinkov**, K. Shishkova, S. Shishkov, D. Pavlova, & D. Mantovska. 2022. Effect of the soil type over the antiherpes activities of *Teucrium chamaedrys*. *Fresenius environmental bulletin*, 31(9), 9831-9838. **IF₂₀₂₁=0.61, SJR₂₀₂₁=0.182; Q4.**
16. Hoxha, R.; Todorov, D.; **Hinkov, A.**; Shishkova, K.; Evstatieva, Y.; Nikolova, D. In Vitro Screening of Antiviral Activity of Lactic Acid Bacteria Isolated from Traditional Fermented Foods. *Microbiol. Res.* 2023, 14, 333–342. <https://doi.org/10.3390/microbiolres14010026> **IF₂₀₂₂=1.5, SJR₂₀₂₀=0.483, Q4.**
17. Shkondrov, A., **A. Hinkov**, V. Cvetkov, K. Shishkova, D. Todorov, S. Shishkov, I. Stambolov, K. Yoncheva & I. Krasteva. 2023. *Astragalus glycyphyllos* L.: antiviral activity and tablet dosage formulation of a standardized dry extract. *Biotechnology & Biotechnological Equipment*, 37, 1, 2221752, <https://doi.org/10.1080/13102818.2023.2221752>. **IF₂₀₂₂=1,762, SJR₂₀₂₂=0.317; Q3.**