СПИСЪК С НАУЧНИ ПУБЛИКАЦИИ

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1. **K. Mladenova**, V. Moskova-Doumanova, I. Tabashka, S. Petrova, Z. Lalchev and J. Doumanov, Establishment and haracterization of stably transfected MDCK cell line, expressing hBest1 protein, Bulgarian Journal of Agricultural Science, 2013, 19 (2), 159–162, Q3, **IF 0.189** 15т
2. Veselina Moskova-Doumanova, **Kirilka Mladenova**, Svetla Petrova, Tanya Topouzova-Hristova, Christina Chakarova, Zdravko Lalchev, Jordan Doumanov, Aminoacid exchange R25W affects proper cellular localization of Best1 protein in MDCKII cells, Comptes rendus de l’Acade'mie bulgare des Sciences, 2014, Tome 67, Number 2, Q3, IF 0.198 15т
3. Jordan Doumanov, **Kirilka Mladenova**, Radoslav Aleksandrov, Georgi Danovski, Svetla Petrova, Interactions of pharmacologically active snake venom sPLA2 with different cell lines, Biotechnology and biotechnological equipment, том:28, брой:5, 2014, стр.918-922, ISSN (print):1310-2818, ISSN (online):1314-3530, **Q4**, **IF 0.622 12т**
4. Ralitsa Veleva, Bela Petkova, Veselina Moskova-Doumanova, Jordan Doumanov, Milena Dimitrova, Petya Koleva, **Kirilka Mladenova**, Svetla Petrova, Zhenya Yordanova, Veneta Kapchina-Toteva, Tanya Topouzova-Hristova, Changes in the functional characteristics of tumor and normal cells after treatment with extracts of white dead nettle, Biotechnology and biotechnological equipment, том:29, брой:1, 2015, стр.181-188, ISSN (print):1310-2818, ISSN (online):1314-3530, doi:10.1080/13102818.2014.989094, **Q4**, **IF 0.622 12т**
5. T. Topouzova-Hristova, J. Doumanov, D. Melnishka, **K. Mladenova**, V. Moskova-Doumanova, Z. Lalchev, T. Andreeva, E. Haladjova, S. Rangelov, Effects of novel gene delivery vector systems based on poly(vinyl benzyl trimethylammonium chloride) on A549 cell line, FEBS journal , том:282, брой:S1, 2015, стр.282-282, ISSN (print):1742-464X, ISSN (online):1742-4658, doi:https://doi.org/10.1111/febs.13339, **Q1, IF 4.53** 25т
6. **Kirilka Mladenova**, Svetla D. Petrova, Tonya D. Andreeva, Veselina Moskova-Doumanova, Tanya Topouzova-Hristova, Yuri Kalvachev, Konstantin Balashev, Shomi S. Bhattacharya, Christina Chakarova, Zdravko Lalchev, Jordan A. Doumanov, Effects of Ca2+ ions on bestrophin-1 surface films, Colloids and Surfaces B: Biointerfaces, 2017, 149 (2017) 226–232, **IF 3.902, Q1, SJR 1.071 25т**
7. **K. Mladenova**, S. Petrova, T. Andreeva, V. Moskova-Doumanova, Z. Lalchev, J. Doumanov, Effect of Ca2+ ions on Bestrophin-1 interaction with 1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocholine in surface films, FEBS journal suppl., 2015, Volume 282, p. 319, Supplement 1, **IF 4.53, Q1, SJR 2.152 25т**
8. Tonya D. Andreeva, Svetla D. Petrova, **Kirilka Mladenova**, Veselina Moskova-Doumanova, Tanya Topouzova-Hristova, Yulia Petseva, Nikola Mladenov, Konstantin Balashev, Zdravko Lalchev, Jordan A. Doumanov, Effects of Ca2+, Glu and GABA on hBest1 and composite hBest1/POPC surface films, Colloids and Surfaces B: Biointerfaces, 2018, 161, 192–199, **IF 4.295, Q1, SJR 0.957 25т**
9. Jordan Doumanov, **Kirilka Mladenova**, Tanya Topouzova-Hristova, Stoyanka Stoitsova, Svetla Petrova, Effects of vipoxin and its components on HepG2 cells, Toxicon, 2015, 94 36-44, **IF 2.581, Q2, SJR 0.904 20т**

10. J. Doumanov, **K. Mladenova**, T. Topouzova-Hristova, I. Ivanova, S. D. Petrova, Influence of snake venom Phospholipase A2 on RPE-1 cells – multiple biological roles of sPLA2, FEBS journal suppl., 2015, Volume 282, p. 223, Supplement 1, **IF 4.53, Q1, SJR 2.152 25т**
11. Kostadinova, A., J. Doumanov, D. Moyankova, S. Ivanov, **K. Mladenova**, D. Djilianov, T. Topouzova-Hristova, Haberlea rhodopensis extracts affect cell periphery of keratinocytes, Comptes rendus de l'Acad´emie bulgare des Sciences, 2016, Tome 69, Number 4, pages 439-448, **IF 0.233, Q3, SJR 0.209** 15т
12. Kalinova, R., Doumanov, J., **Mladenova, K**., Janevska, D.; Georgieva, M., Miloshev, G., Topouzova-Hristova, T., Dimitrov, I., Rational design of polypeptide-based block copolymer for nonviral gene delivery. 2017, ChemistrySelect, 2, 12006 –12013, **IF 1.505, Q2, SJR 0.445** 20т
13. Haladjova, E.; Halacheva, S.; Momekova, D.; Moskova-Doumanova, V.; Topouzova-Hristova, T.; **Mladenova, K**.; Doumanov, J.; Petrova, M.; Rangelov, S., Polyplex Particles based on Comb-Like Polyethylenimine/Poly(2-ethyl-2-oxazoline) Copolymers: Relating Biological Performance with Morphology and Structure. Macrom. Biosci. – submitted October 2017; ISSN 1616-5195, accepted December 2017, Apr;18(4):e1700349, doi: 10.1002/mabi.201700349. Epub 2018, Feb 28, **IF 3.238, Q1, SJR 1.017** 25т
14. Pavel Bakardzhiev, Natalia Toncheva-Moncheva, **Kirilka Mladenova**, Svetla Petrova, Pavel Videv, Veselina Moskova-Doumanova, Tanya Topouzova-Hristova, Jordan Doumanov and Stanislav Rangelov, Assembly of Amphiphilic Nucleic Acid–Polymer Conjugates into Complex Superaggregates: Preparation, Properties, and in vitro Performance, 2020, European Polymer Journal, Volume 131, 15 May 2020, 109692, IF 3.621, Q1, SJR 0.967 25т
15. Pavel Videv, Nikola Mladenov, Tonya Andreeva, **Kirilka Mladenova**, Veselina Moskova-Doumanova, Georgi Nikolaev, Svetla D. Petrova, Jordan A. Doumanov, Condensing Effect of Cholesterol on hBest1/POPC and hBest1/SM Langmuir Monolayers; 2021, Membranes, Volume 11, Issue 1, 52, **IF 3.094, Q2, SJR 0.54** 20т
16. Pavel Videv, **Kirilka Mladenova**, Svetla Petrova, Jordan Doumanov, STRUCTURE AND FUNCTION OF hBEST1, EXPRESSED IN MDCK II CELLS, , Sofia University, "St. Kliment Ohridski", Faculty of Biology, Department of Biochemistry, Bulgaria, 1164 Sofia, 8 Dragan Tzankov Blvd., p. 387-395, PKP-Print, https://drive.google.com/file/d/1E-wzQ-k1L163yRieYFg8TI1j1mw0Hj5p/view?usp=sharing, ISSN 1314-3425, **глава от книга 6т**
17. **Mladenova K.,** Doumanov J., Petrova S., Videv P., Moskova-Doumanova V., Topouzova-Hristova T., Bakardzhiev P., Toncheva-Moncheva N., Rangelov S., Biological evaluation of novel amphiphilic nucleic acid - polymer nanoparticles in eukaryotic cells, FEBS OPEN BIO, vol:11, issue:Suppl. 1, 2021, pages:261-261, Ref, Web of Science, IF **(2.693 - 2020**), Web of Science **Quartile: Q2 (2021), SCOPUS, SJR (0.72 - 2020),** 20т