

## Publications June 2024

1. Ansari A, Coshic P, Sharma A, Sette A, Weiskopf D, **Gupta N.\*** (2024) T-B coculture assay for functional analysis of antigen-specific memory CD4<sup>+</sup> T cells. **STAR Protoc.** 5:103119. [\*Corresponding authors]
2. Archana, **Kumar A,\*** Solanki PR. (2024) 4-Ethylphenyl Sulfate Detection by an Electrochemical Sensor Based on a MoS<sub>2</sub> Nanosheet-Modified Molecularly Imprinted Biopolymer. **ACS Appl Bio Mater.** 7:3841-3853. [\*Corresponding authors]
3. Gaur V, **Tyagi W, Das S,** Ganguly S, Bhattacharyya J. (2024) CD40 agonist engineered immunosomes modulated tumor microenvironment and showed pro-immunogenic response, reduced toxicity, and tumor free survival in mice bearing glioblastoma. **Biomaterials.** 311:122688.
4. Kumar S, Mohan A, Sharma NR, **Kumar A,** Girdhar M, Malik T, Verma AK. (2024) Computational Frontiers in Aptamer-Based Nanomedicine for Precision Therapeutics: A Comprehensive review. **ACS Omega.** 9:26838-26862.
5. Pandey R, Kaul G, Akhir A, Saxena D, Shukla M, Mundra S, Zohib M, Singh S, **Pal RK,** Tripathi S, Jain A, Chopra S, Arora A. (2024) Characterization of structure of peptidyl-tRNA hydrolase from *Enterococcus faecium* and its inhibition by a pyrrolinone compound. **Int J Biol Macromol.** 28:133445.
6. **Sahu D,\*** Gupta C, Yennamalli RM, Sharma S, Roy S, Hasan S, Gupta P, Sharma VK, Kashyap S, Kumar S, Dwivedi VP, Zhao X, **Panda AK,** Das HR, Liu CJ. Author Correction: Novel peptide inhibitor of human tumor necrosis factor- $\alpha$  has antiarthritic activity. **Sci Rep.** 14:14306. [\*Corresponding authors]
7. Yadav M, Vaishkiar I, Sharma A, Shukla A, Mohan A, Girdhar M, **Kumar A,** Malik T, Mohan A. (2024) Oestrogen receptor positive breast cancer and its embedded mechanism: breast cancer resistance to conventional drugs and related therapies, a review. **Open Biol.** 14:230272.