

Publications February 2024

1. Arora N, Hazra JP, Roy S, Bhati GK, **Gupta S**, Yogendran KP, Chaudhuri A, Sagar A, Rakshit S. (2024) Emergence of slip-ideal-slip behavior in tip-links serve as force filters of sound in hearing. **Nat Commun.** doi: 10.1038/s41467-024-45423-8.
2. **Gupta A**, Niveria K, Chandpa HH, Singh M, Kumar V, Panda AK, Meena J. (2024) Stimuli- responsive magnetic silica-poly-lactic-co-glycolic acid hybrid nanoparticles for targeted cancer chemo-immunotherapy. **Drug Deliv Transl Res.** doi: 10.1007/s13346-024-01521-0.
3. Rashmi D, Gupta S, Kausar T, **Sau AK.*** (2024) Helical domain of hGBP3 cannot stimulate the second phosphate cleavage of GTP. **J Biol Chem.** doi: 10.1016/j.jbc.2024.105696. [*Corresponding author]
4. **Sood C**, Verma JK, Basak R, Kapoor A, Gupta S, Mukhopadhyay A. (2024) Leishmania hijack host lipid body for its proliferation in macrophages by overexpressing host Rab18 and TRAPPC9 by downregulating miR-1914-3p expression. **PLoS Pathog.** 20:e1012024.
5. Yadav V, Zohib M, Singh S, Pal RK, Tripathi S, Jain A, **Biswal BK**, Dasgupta A, Arora A. (2024) Structural and biophysical characterization of PadR family protein Rv1176c of Mycobacterium tuberculosis H37Rv. **Int J Biol Macromol.** doi: 10.1016/j.ijbiomac.2024.130455.