

May 2026: BRIC-NII Publications

1. Agrawal P, Yadav R, Madhumalar A, **Senthil Kumar G**. Phosphorylation landscape of dengue virus proteins and their implications in protein-protein interactions. *PLoS One*. 12;21:e0345872.
2. Agrawal R, Ghosh S, Kumar N, Mukherjee C, Sharma V, Arun R, Deb R, Sarkar S, Savita, Kumar D, Rath S, Maitra A, **Sengupta S**. BLM regulates MALT1-driven *NF- κ B* signalling and is targetable in B-cell malignancies. *Cell Death Dis*. doi: 10.1038/s41419-026-08846-3.
3. Pal S, **Mohanty D**. Deciphering the Structural Basis of Allosteric Inhibition of Mutant Epidermal Growth Factor Receptor and Identification of Novel Inhibitors. *Comput Struct Biotechnol J*. 27;35:0118. doi: 10.34133/csbj.0118.
4. Pandey D, Zohib M, Chaurasia A, Ansari H, Chowdhury A, Pal RK, Tripathi S, Jain A, **Biswal BK**, Siddiqi MI, Arora A. Analysis of structure and stability of *Leishmania donovani* Rab5a and Rab5b. *Int J Biol Macromol*. 365:152349. doi: 10.1016/j.ijbiomac.2026.152349.

Reviews

1. Shrivastava A, Kirushnakumar SS, Gupta P, Dwivedi S, Chaturvedi P, Chhabra GS, Kumar A, **Dey DK**. Advances in neuropharmacology: Innovative drug strategies targeting synaptic plasticity, neuroinflammation, and ion channel regulation for future CNS treatments. *Life Sci*. 397:124436. doi: 10.1016/j.lfs.2026.124436.
2. Tomar K, Khodlan P, Malik T, Rana P, Tariq M, Mishra R, Mohan A, Fatima S, Gautam H, Kumar S, Abdin MZ, **Kumar A**. Microbiota-derived indole derivatives as anticancer agents: mechanistic insights and major perspectives. *Future Microbiol*. 1-10. doi: 10.1080/17460913.2026.2677452.