

November 2025:NII Publications

1. Tiwari S, Nain VK, Ahmad M, Kumar V, Kar D, Kumari S, Dwivedy A, Pal RK, Mohapatra AK, Barik V, Pal R, Singla M, Banerjee S, Sharma N, Bajpai MK, Kumar Y, Maras JS, **Nagarajan P**, Nanda RK, Pandey AK, **Biswal BK**. (2025) Disruption of De Novo Histidine Biosynthesis of *Mycobacterium tuberculosis* Affects the Depletion of the Pathogen. *ACS Infect Dis*. doi: 10.1021/acsinfecdis.5c00393. Epub ahead of print. PMID: 41284353.
2. Kumar A, Shabnam S, Kushwaha S, **Sehgal D**. (2025) SPD_1629 is a uracil transporter and is crucial for pneumococcal fitness and pathogenesis in vivo. *Microb Pathog*. doi: 10.1016/j.micpath.2025.107974. PMID: 40780571.
3. Verma H, Gulati P, Malik T, Verma AK, Teotia A, Archana, Lakshmi GBVS, Tariq M, Jaiswal J, Kushwaha M, Solanki PR, Singh R, **Kumar A**. (2025) Investigation of Intermolecular Interaction Between 4-Ethyl Phenyl Sulfate and Human Serum Albumin Using Spectroscopic Techniques and Molecular Docking Studies. *J Mol Recognit*. doi: 10.1002/jmr.70015. PMID: 41272421.
4. Ashraf A, Khan MA, Sulaimani MN, **Goyal S**, Elasbali AM, Hassan MI. (2025) Exploring Morin hydrate as a natural thymidine kinase inhibitor to combat Staphylococcus aureus infection. *Int J Biol Macromol*. doi: 10.1016/j.ijbiomac.2025.148820. PMID: 41203173.
5. Ansari MN, Kaur J, Khan A, Kar A, Tripathi R, Jain D, Aggarwal B, Bajaj A, **Mukhopadhyay A**, Dasgupta U. (2025) Localized Hydrogel-Mediated Docetaxel-Carboplatin Combination Chemotherapy Targets Ganglioside Metabolism to Mitigate Tumor Progression. *ACS Pharmacol Transl Sci*. doi:10.1021/acspsci.5c00203. PMID: 41262565; PMCID: PMC12624431.
6. Yadav V, Kilambi R, Rastogi A, Sharma D, **Nagarajan P**, Suroliya V, Bhattacharya A, Yadav V, Gautam P, Kashayp M, Kashyap MK, Garg V, Kumari A, Trehanpati N, Ramakrishna G. (2025) Deciphering Cancer Evolution Through Genomic Profiling of Patient-Derived Xenograft Together with Matched Primary Gallbladder Cancer. *Dig Dis Sci*. doi: 10.1007/s10620-025-09471-4. PMID: 41207908.