

Research Publications

1. **Vishakha Karnawat**, Sonali Mehrotra, Hemalatha Balaram and Mrinalini Puranik (2016), Exquisite modulation of the active-site of *Methanocaldococcus jannaschii* adenylosuccinate synthetase in forward reaction complexes, **Biochemistry**, DOI: 10.1021/acs.biochem.5b01386.
2. **Vishakha Karnawat**, Spriha Gogia, Hemalatha Balaram and Mrinalini Puranik (2015), Differential Distortion of Purine Substrates by Human and *Plasmodium Falciparum* HGPRT to Catalyze Formation of Mononucleotides, **ChemPhysChem**, 16, 2172-2181.
3. **Vishakha Karnawat** and Mrinalini Puranik (2015), Solution Structure of Ligands involved in Purine Salvage Pathway, **Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy**, 151, 679-686.
4. **Vishakha Karnawat** and Mrinalini Puranik (2015), Solution state structures of purine base analogues 9-deazaguanine and 9-deazahypoxanthine, **Journal of Biomolecular Structure and Dynamics**, DOI: 10.1080/07391102.2015.1042916.
5. **Vishakha Karnawat**, Namrata Jayanth and Mrinalini Puranik (2012), Substrate Recognition in Multi-substrate Nucleic-acid binding Enzyme (A Review). **Current Science**, 102, 298-313.