

Research articles

- Pawankumar Rai, Srishti Mehrotra, Krishna Gautam, Aditya K. Kar, Apoorva Saxena, Satyakam Patnaik, Sadasivam Anbumani, Ashok Pandey, Smriti Priya and Sandeep K. Sharma (2022) Polylactic acid/tapioca starch/banana peel-based material for colorimetric and electrochemical biosensing applications, *Carbohydrate Polymers*, <https://doi.org/10.1016/j.carbpol.2022.120368>.
- Gayatri Bagree, Tulika Srivastava, Sanje Mahasivam, Meetali Sinha, Vipul Bansal, Rajesh Ramanathan, Smriti Priya and Sandeep K. Sharma (2022) Differential interactions of α -synuclein conformers affect refolding and activity of proteins, *The Journal of Biochemistry*, <https://doi.org/10.1093/jb/mvac095>.
- Apoorva Saxena, Pawankumar Rai, Srishti Mehrotra, Samiya Baby, Suman Singh, Vikas Srivastava, Smriti Priya and Sandeep K. Sharma (2022) Development and clinical validation of RT-LAMP-based lateral-flow devices and electrochemical sensor for detecting multigene targets in SARS-CoV-2, *International Journal of Molecular Sciences*, 23 (21) 13105, <https://doi.org/10.3390/ijms232113105>.
- Pawankumar Rai, Srishti Mehrotra and Sandeep K. Sharma (2022) Development of a paper-based chromogenic strip and electrochemical sensor for the detection of tannic acid in beverages, *LWT-Food Science and Technology*, 169, 113999, <https://doi.org/10.1016/j.lwt.2022.113999>.
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- Tulika Srivastava, Ritu Raj, Amit Dubey, Dinesh Kumar, Rajnish K. Chaturvedi, Sandeep K. Sharma and Smriti Priya (2020) Fast kinetics of environmentally induced α -synuclein aggregation mediated by structural alteration in NAC region and result in structure dependent cytotoxicity, *Scientific Reports*, 10, 18412, <https://doi.org/10.1038/s41598-020-75361-6>.
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