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| Name: | Mr Manoj Kumar |
| Designation: | Technical Officer - A |
| Date of joining in Present Post: | 01/04/2021 |
| Date of Joining in ICMR | 25/05/2015 |
| Email: Govt. Email (if available): | manojkniroh@gmail.com manojkumar.p@gov.in |
| Qualification: | MSc – Biotechnology (2010), Goa University, Goa CSIR-NET, GATE |
| Ongoing work | 1) Malaria Microscopy 2) Antimicrobial profiling, Mechanism of antibiotic resistance development in clinical isolates 3) RT-PCR in COVID-19 testing |
| Research experience: | 1). October 2013 – May 2015. Institution: The M S University of Baroda, Vadodara. Worked as CSIR-SRF (direct) and study carried out on characterisation of role of type II Metacaspases in <i>Solanum lycopersicum</i> . The major work involved cloning of artificial microRNA, full length gene and promoter region, and their transformation to generate transgenic lines. 2) May 2012- October 2013. Institution: Indian Institute of Advanced Research, Gandhinagar. Worked as Research Fellow and study carried out on study carried out on characterisation of role of Metacaspases in <i>Solanum lycopersicum</i> . 3). October 2010- February 2012. Institution: Central Salt and Marine Chemical Research Institute, Bhavnagar. Worked as Research Fellow and the study carried out on Mapping of marine biodiversity along Indian coast. The major work involved as FAME analysis and 16s rDNA sequence analysis. |
| Research interest: | Antimicrobial resistance, Parasite Biology. |
| Ongoing projects: | NIL |
| Publications: | 1). Structural and docking studies of Leucaena leucocephala Cinnamoyl CoA reductase Nirmal K Prasad, Vaibhav Vindal, Vikash Kumar, Ashish Kabra, Navneet Phogat, Manoj Kumar . J Mol Model. 2011 Mar;17(3):533-41 2). Molecular epidemiology of a familial cluster of SARS-CoV-2 infection during lockdown period in Sant Kabir Nagar, Uttar Pradesh, India Kamran Zaman , Prem Shankar, Pragya D. Yadav , Dimpal A. Nyayanit, Sthita Pragnya Behera, Pooja Bhardwaj, Anita Shete, Triparna Majumdar, Rajaram Yadav, Savita Patil, Hirawati Deval, Gaurav Raj Dwivedi, Ashok K. Pandey, Rajeev Singh, Brij R. Misra, Niraj Kumar, Kaushik Kumar, Priyanka Yadav, Girijesh Kumar Yadav, Manoj Kumar , Kamlesh Kumar Sah, Ravi Shankar Singh, Sanjeev Kumar, Asif Kavathekar, Vijay Kumar and Rajni Kant. Epidemiology and Infection 149, e200, 1–5. https://doi.org/10.1017/S0950268821001989 |
| Workshop/seminar/symposium | |
| Membership/fellowship: | CSIR-SRF (direct) |