

SwarnaJayanti Fellowships Scheme- 2020-21

Shortlisted Candidates for Presentation before Subject Area Committee in

Life Sciences

Date of Online/Virtual Presentation/ Meeting: **Tuesday, 21st September, 2021**

Time: 09.30 a.m.

S.No	Applicant Name and Institute	Title of the Proposed Project Proposal/ Temporary File No.
1.	Dr. Siddhesh S. Kamat Department of Biology, Indian Institute of Science Education & Research (IISER) Pune, Dr. Homi Bhabha Road, Pashan, Pune- 411008	Mapping oxidative stress pathways in mammalian systems using an integrated chemical proteomics and metabolomics approach DST/SJF/LS/2021/303
2.	Dr. B. Anand Department of Biosciences and Bioengineering, Indian Institute of Technology Guwahati, Guwahati- 781039	Probing the cellular organisation of ribosome biogenesis in bacteria DST/SJF/LS/2021/319
3.	Dr. Debarka Sengupta Indraprastha Institute of Information Technology, Okhla Phase 3, New Delhi-110020	Intratumoral heterogeneity resolved personalized treatment recommendation using single cell gene expression data DST/SJF/LS/2021/321
4.	Dr. Sridharan Devarajan Centre for Neuroscience, Indian Institute of Science, Bengaluru-560012	Neural mechanisms that causally mediate visuospatial attention DST/SJF/LS/2021/332
5.	Dr.Niti Kumar Central Drug Research Institute, Sector 10, Jankipuram Extension, Sitapur Road, Lucknow-226021	Understanding the role of Dynamin-related proteins DRPs in mitochondrial remodeling and inter-organelle communication in human malaria parasite. DST/SJF/LS/2021/366
6.	Dr.Niraj Rai Ancient DNA Lab, Birbal Sahni Institute of Palaeosciences, 53, University Road, Lucknow-226010	Reconstructing the human population history of South Asia using ancient genomics. DST/SJF/LS/2021/368
7.	Dr. Nitin Gupta Department of Biological Sciences and Bioengineering, Indian Institute of Technology Kanpur, Kanpur- 208016	High-throughput determination of the neural basis of olfactory preference DST/SJF/LS/2021/370
8.	Dr. Pratik Mutha Deptt. of Biological Engineering, Indian Institute of Technology- Gandhinagar, Palaj, Gandhinagar – 382355	Implicit sensorimotor learning in humans DST/SJF/LS/2021/381

9.	Dr.Aravind Penmatsa Molecular Biophysics Unit, Indian Institute of Science, Bengaluru- 560012	Structural, mechanistic and pharmacological investigation of inhibitory neurotransmitter transporters DST/SJF/LS/2021/385
10.	Dr.Arnab Bhattacharjee School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi – 110067	A multiscale approach to resolve the 3D landscape of transcription linked chromatin organization DST/SJF/LS/2021/386
11.	Dr. Subashchandrabose Chinnathambi, Neurobiology Group, Biochemical Sciences Division, National Chemical Laboratory (CSIR-NCL), Dr. Homi Bhabha Road, Pune- 411008	α -Linolenic acid-induced podosomes formation for Purinergic G-protein coupled receptor P2Y ₁₂ R-mediated microglial migration in tauopathies DST/SJF/LS/2021/399