### SwarnaJayanti Fellowships Scheme- 2019-20

**Shortlisted Applicants/Candidates for Presentation before Subject Area Committee in Life Sciences on 15th September, 2020 (Tuesday) at 0900 hrs through video conferencing/ web meeting**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Title of the Proposed Project Proposal/ Temporary File No.</th>
<th>Applicant Name and Address</th>
</tr>
</thead>
</table>
| 1.   | Enhancing sheath blight disease tolerance in rice DST/SJF/LS/2020/176 | Dr. Gopaljee Jha  
National Institute Of Plant Genome Research- (NIPGR)  
Aruna Asaf Ali Marg, P.O. Box No. 10531  
New Delhi-110067. |
| 2.   | Decoding the catalog of tRNA-like molecules in Bread wheat DST/SJF/LS/2020/181 | Dr. Santosh Kumar Upadhyay  
Deptt. of Botany, Panjab University, Sector 14, Chandigarh-160014. |
Deptt. of Biotechnology, Indian Institute of Technology-Madras, Chennai -600036. |
| 4.   | Innovative Molecular Strategies Against Defective Proteostasis:Promising Events to Restore Improper Sequestration DST/SJF/LS/2020/184 | Dr. Amit Mishra  
Deptt. of Bioscience and Bioengineering, Indian Institute of Technology Jodhpur, Jodhpur- 342037. |
| 5.   | Real-time evaluation of spatio-temporal fingerprints of nanomachinery involved in the early onset of Alzheimer's Disease at an excitatory synapse DST/SJF/LS/2020/195 | Dr. Deepak Nair  
Centre for Neuroscience, Indian Institute of Science, Bengaluru-560012. |
| 6.   | Molecular Bioenergetics and Apoptosis Regulation by Human Mitochondrial VDAC DST/SJF/LS/2020/210 | Dr. R. Mahalakshmi  
Deptt. of Biological Sciences, Indian Institute of Science Education and Research-Bpl, Bhopal Bypass Road, Bauri, Bhopal-462066. |
| 7.   | Unraveling key enzymes for triterpene biosynthesis in *Boswellia serrata* towards the development of a sustainable process for antiinflammatory drug production DST/SJF/LS/2020/228 | Dr. Sumit Ghosh  
Biotechnology Division, CSIR-Central Institute of Medicinal and Aromatic Plants, CIMAP P.O, Near Kukrail Picnic Spot Lucknow-226015. |
| 8.   | Modeling human liver microarchitecture and cellular physiology *in vitro* using 3D bioprinting for drug toxicity and high throughput drug screening applications DST/SJF/LS/2020/233 | Dr. Biman B. Mandal  
Deptt. of Biosciences and Bioengineering, Indian Institute of Technology-Guwahati, Guwahati-781039. |
| 9.   | Microglial remodeling of actin network for P2Y12-receptor-mediated phagocytosis of Tau oligomers DST/SJF/LS/2020/235 | Dr. Subashchndrabose Chinnathambi  
Biochemical Sciences Division, CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pune-411008. |
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<td>11.</td>
<td>The role of nitrite and nitric oxide in hypoxia sensing, signaling and flooding tolerance in plants DST/SJF/LS/2020/239</td>
<td>Dr. Jagadis Gupta Kapuganti National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, P.O. Box No. 10531, New Delhi-110067</td>
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