



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A++" Grade by NAAC | 12B Status by UGC | Approved by AICTE

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Justification letter by Nominator

I am Johnson Retnaraj Samuel, and I am working as a Scientist-D at Sathyabama Institute of Science and Technology's International Research Centre in Chennai, Tamil Nadu. Mr. S. Ravichandran, M.Sc., PhD Scholar, is my nominee. He is now a Junior Research Fellow (JRF) in the DST-SHRI programme and a PhD scholar at Sathyabama Institute of Science and Technology's International Research Centre in Chennai, Tamil Nadu. He completed his M.Sc with an 7.9 CGPA at the Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu. He was hired as a Junior Research Fellow in the DST-BIRAC Project for two years, and he contributed to an article titled "Biochemical characterization and formulation of heat-inactivated coelomic fluid of earthworm *Perionyx excavatus* – a potential FBS alternative Process Biochemistry" is under review in Biotechnology Progress (Impact Factor: 2.9). Based on the project outcome, we filed a patent titled "Formulated Heat-Inactivated Coelomic Fluid Serum-Free Media for Adherent cells". Currently, he is working on miRNA profiling, miRNA potential target identification, and miRNA functional studies using miRNA mimics and inhibitors on epimorphosis regeneration in earthworms.

Moreover, I'm also a well-organized researcher with hands-on experience and current technology knowledge.

I have clearly read the terms and conditions given on the website <https://sunpharmasciencefoundation.net/spsfn/12>. I satisfy the minimum eligibility conditions for the Sun Pharma Science Scholars Awards-2023. I certify that to the best of his knowledge and belief the particulars given in the application are correct.

Place: Chennai
Date: 31.08.2023


Signature of the Nominator

Dr. S. Johnson Retnaraj Samuel, M.Sc., Ph.D.
Scientist 'D'
Centre for Molecular & Nanomedical Sciences
Sathyabama Institute of Science & Technology
Chennai - 600 119.