



Birla Institute of Technology & Science, Pilani

Pilani Campus

Dr. S. Murugesan, M. Pharm, Ph. D
Associate Professor, Department of Pharmacy

CALL FOR RESEARCH POSITION (JRF / SRF) IN INDO-AUSTRALIAN COLLABORATION PROJECT

Applications are invited from suitable candidates for one fellowship position — as either Junior Research Fellow (JRF) or Senior Research Fellow (SRF) depending on the eligibility and experience — to work on the following Indo-Australian project (between BITS Pilani and CSIRO Australia) sponsored by Australian Government, under the supervision of Dr. S. Murugesan (Associate Professor, Department of Pharmacy, BITS, Pilani Campus, Pilani-333031, Rajasthan), and co-supervision of Professor S. S. Vasan of Australia's national science agency CSIRO.

Title of the project: The 'sySTEMS' initiative: systems biology-augmented, stem cell-derived, multi-tissue panel for rapid screening of approved drugs as potential COVID-19 treatments. For more details see <https://bioinformatics.csiro.au/blog/covid-19-drug-repurposing/>

Duration of the project: Up to one year

Project position and number: JRF or SRF and 01 No.

Fellowship amount: JRF: 31000 /- pm, SRF: 35000 /- pm. Those with at least two years' relevant work experience will be employed as SRF.

Eligibility requirements:

1. M. Pharm / M.S. Pharm / M.Sc. (Pharmaceutical Chemistry / Medicinal Chemistry / Pharmaco-informatics with a minimum of 70% aggregate in the relevant field of specialization).
2. Knowledge of drug categories / classes / groups and drug databases will be desirable.
3. Experience in database handling, curation and/or molecular modeling techniques is a bonus.

Desirable: Ability to work in an interdisciplinary project. Good written and verbal English language skills are essential. Candidates with working knowledge of classifying a drug under the WHO Anatomical Therapeutic Chemical classification system, or United States Pharmacopeia, or similar. Any knowledge of IT, is a bonus, and GPAT / NET qualification is desirable.

Interested candidates with the above mentioned qualification can send their applications giving detailed information about educational qualifications, research / industrial project experience, published research papers and conference presentations if any, by **August 15, 2021** via email: murugesan@pilani.bits-pilani.ac.in with subject line "Application for Indo-Australian Project 2021". Qualified and shortlisted candidates will be called for interview (to be conducted in online mode), details of which will be communicated via email after a review of applications.

Dr. S. Murugesan
Project Supervisor

Prof. S. S. Vasan
Co-Supervisor



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