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Advertisement for the post of Project Associate-I under DBT/Wellcome Trust India Alliance sponsored project entitled "Discovering novel effector proteins for histone arginine modifications and deciphering their epigenetic roles"

Date: 01.04.2023

Applications are invited from the eligible, and highly motivated candidates for the **Project Associate-I** positions under DBT/Wellcome Trust India Alliance sponsored project in the Department of Biotechnology, School of Life Sciences, Pondicherry University.

The details of the project and Project Associate-I positions are given below.

1. Title of the Project: *Discovering novel effector proteins for histone arginine modifications and deciphering their epigenetic roles (Ref: IA/I/21/2/505918)*

2. Name of the post: Project Associate-I

3. Nature of the Job: The lab is primarily interested in understanding how histone arginine modifications are recognized by the reader or effector proteins and translate the complex histone code into functions.

The Project Associates hired for these positions will involve in various experiments pertaining to the field of epigenetics to identify and characterize the readers of histone modifications. The Project Associates will have the opportunity to learn various cutting-edge methods in molecular biology and epigenetics fields such as Peptide affinity chromatography, Peptide array-based studies, ChIP, ChIP-Seq, ChIP-western, Cut and Tag and Cut and Run methods., RNA Seq, Isothermal titration calorimetry, CRISPR-Cas9 mediated knockouts in mammalian cells etc. The Project Associates are also expected to participate in the regular laboratory activities, including maintaining inventories and ordering products related to the project.

4. Vacancy: 2 positions

5. Duration: Two years. The offer will be initially for one year that can be extended further based on the performance of incumbents and the continuation of the project.

After two years, there is also a possibility to extend these positions as Project Associate-II for three more years, subject to the continuation of the project, performance of incumbents, and availability of funds.

6. Principal Investigator:

Dr. Arunkumar Dhayalan, Associate Professor, Department of Biotechnology, Pondicherry University, Puducherry – 605 104.

7. Essential Qualifications:

M.Sc. with minimum 55% marks (or a CGPA of 5.5 in 10 point in scale) in any branch of Life Sciences/Biochemistry/Biotechnology/Microbiology/Bioinformatics.

8. Desirable Qualifications:

(i). Qualification in any of the national level eligibility tests in the relevant subject for research like CSIR-UGC NET (JRF or LS), or GATE or any such exam conducted by Govt. of India agencies like DBT, DST, ICAR, ICMR, etc.

(ii). Experience or exposure in molecular biology and biochemical methods.

9. Fellowship amount:

(i). For the first two years as Project Associate-I

Rs. 31,000/- plus HRA per month for the candidates who have qualified CSIR-UGC NET (JRF or LS), or GATE or any such exam conducted by Govt. of India agencies like DBT, DST, ICAR, ICMR, etc.

Rs. 25,000/- plus HRA per month for non-NET/GATE candidates.

(ii). For the third or subsequent years as Project Associate-II

Rs. 35,000/- plus HRA per month for the candidates who have qualified CSIR-UGC NET (JRF or LS), or GATE or any such exam conducted by Govt. of India agencies like DBT, DST, ICAR, ICMR, etc.

Rs. 28,000/- plus HRA per month for non-NET/GATE candidates.

10. Nature of the position: The positions are temporary and co-terminus with the project.

How to apply?

All interested and eligible candidates are required to send their CV along with self-attested scanned copies of original documents related to educational qualification, CSIR-UGC NET (JRF or LS), or GATE, or any such exam conducted by Govt. of India agencies like DBT, DST, ICAR, ICMR, etc. through email to Dr. Arunkumar Dhayalan at **arun.dbt@gmail.com**

The email application should reach on or before **28-04-2023**. All the applications will be scrutinized, and the shortlisted candidates will be notified through **E-mail only**.

Selection will be made on the basis of interview by the duly constituted selection committee.

Mere eligibility will not entitle any candidate to be called for an Interview. The interview will be conducted either online or offline mode.

Pondicherry University reserves the right to withdraw the advertised post at any time without assigning any reason if the circumstances warrant it. The right is also reserved with the University either to fill or not to fill the post and its decision, in this regard shall be final.

No TA/DA will be provided for attending the interview.

These positions are purely temporary.

For any clarification, please contact Dr. Arunkumar Dhayalan at **arun.dbt@gmail.com**



Dr. Arunkumar Dhayalan

Principal Investigator