



Advt. No. 44/Project/2023/HR

Interview for Principal Project Associate position

Title of Project: Inter-Institutional Program for Maternal, Neonatal and Infant Sciences A translational approach-interdisciplinary Group for Advanced Research on Birth outcomes-DBT India Initiative (GARBH-Ini Phase II).

Preterm birth poses a significant global public health Challenge, being the leading cause of neonatal fatalities. India accounts for roughly a quarter of all preterm births and associated deaths worldwide. Understanding the molecular mechanisms behind preterm birth is crucial for early prediction and prevention. The RCB Spearheads a mass spectrometry-based proteomics project to investigate protein alterations across pregnancy stages, identifying those linked to preterm birth and related molecular pathways. The ultimate project objection is to pinpoint biomarkers for early preterm birth prediction and potential drug discovery targets.

Duration: Initially for 6 months and may be extended after performance evaluation on every six months till the end of project.

Essential Qualifications: PhD in Natural Science (Data Science and Bioinformatics). Candidate must have at least one relevant publication in science citation indexed (SCI) journal.

Desirable Qualifications: Mass spectrometry-based proteomics, experience on clinical sample handling. Real time PCR, Cell based assay and confocal microscopy.

Principal Investigator: Dr. Tushar Kanti Maiti, Professor

No. of Position: One

Emoluments: Rs. 60,760/- (Rs. 49,000/- + 24% HRA) per month.

Interested candidates should apply online by 27th December, 2023, 5:00 PM.

[Click here to apply online](#)

The shortlisted candidates will be informed by **31st December, 2023** via email to appear in the online interview to be held **at 11:00 AM on 4th January, 2023.**

For any query, you may contact PI by email: tkmaiti@rcb.res.in

Please upload copies of the following documents:

- 1) All degree certificates.
- 2) Publication list.

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