

University of Calcutta

Applications are invited for the positions of one JRF and one Research Associate to work in a project entitled “Understanding the molecular basis of cellular differentiation during regeneration of zebrafish spinal cord : insight from microarray analysis” funded by the Dept. of Biotechnology, Govt. of India

1. Junior Research Fellow : Essential Qualification : M.Sc. First Class with NET/GATE in Life Sciences viz. Zoology / Biochemistry / Biotechnology or any other relevant discipline. The candidate is expected to develop and implement methods like injury model (dissection skill), histological and immunohistochemical analysis, microinjection and general molecular biology techniques with emphasis to RNA work. Salary : as per sanction of the funding agency and also as per norms of C.U.

2. Research Associate : Candidate should have a doctoral degree in any relevant discipline of Life Science and should have demonstrated extensive experience in either molecular biology or confocal imaging. Salary : as per sanction of the funding agency and also as per norms of C.U.

Both candidates should be capable of maintenance of zebrafish and axolotl colonies. The analysis of the ongoing genome-wide array analysis. The successful candidate should be highly self motivated, energetic, work efficiently, and have a keen interest in interest in Developmental biology / Neurobiology. Please see our recent publications for further information : Development Dynamics 239:2962-2979,2010.

Tenure of appointment : The duration of appointment will be initially for one year from the date of joining, but extendable upto three years depending on performance and availability of funds.

Interested and qualified candidates please send a brief summary of their research experience, CV, contact information (with email address) of three references to Dr. Sukla Ghosh at suklagh2010@gmail.com. Department of Biophysics, Molecular Biology and Bioinformatics, C.U. Kolkata – 700009, within 15th December, 2010.

Dr. Amit Ray

Secretary, UCSTA,

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