

NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS
(An Autonomous Institution of the Government of India)



P.O.: N.S.S., Kalyani 741251, West Bengal, INDIA
www.nibmg.ac.in

Advertisement No. ESTB/NIBMG/2018-19/234

Date: 20/08/2018

Positions available: 3

Each applicant can appear for only one position

Applications are invited for the positions of Project Linked Persons for extramural projects to be executed by the National Institute of Biomedical Genomics, Kalyani. Selected applicants will be appointed for a period of one year.

Project Name & Funding Authority:

Project - 1: "Understanding the biology of stem-like cancer cells from human oral tumors". [Funded by Department of Biotechnology-Wellcome Trust India Alliance].

Project - 2: "A metagene signature indicative of prognosis and/or response to therapy in breast cancer", [Funded by WB-DBT]

Project Description:

Project - 1: Oral cancer is one of the deadliest cancers in Indian population. The majorities of the oral tumors do not respond satisfactorily to available treatments or quickly become non-responsive. This has prompted us to undertake an investigation on the biology of oral-stem-like cancer cells (Oral-SLCCs). These cells are believed to be associated with tumor initiation, propagation, metastasis, recurrence and resistance to therapy in a variety of cancers.

Project - 2: Breast Cancer recurrence is a common problem although multiple treatments are already available. However, only some women recur and require more aggressive treatment, which is not essential for women who will respond to therapy. The aim of this project is to design a PCR/exosome based genetic test that will allow us to identify women who will recur so that their cancer can be treated differently.

Walk-in interview will be organized In **Project 1** to recruit Self-motivated individuals for the position of **Research Fellows (Tier-I and Tier-II)** to undertake the challenging yet fascinating task of identification of Oral-SLCCs from human tumors for its genomic and functional characterization. In **Project 2 (Junior Research Fellow)**, the candidates will have a unique opportunity to learn basic molecular/cell biology techniques like PCR, western blotting, tissue culture, handling of patient samples, isolation of exosomes and making NGS libraries.

The date of walk-in interview is **05.09.2018** starting from **10 AM**. Details of this position are listed below: **Each applicant can appear for only for one position**. No TA/DA will be paid for attending the interview.

Following documents are required at the time of interview:

- a. Curriculum Vitae along with reprints of publications, if any
- b. One Passport- size coloured Photograph
- c. Self-Attested Copies of Certificates of Educational Qualifications
- d. Self-Attested Copies of Experience Certificates
- e. Govt. issued Photo ID proof (Preferably Aadhar Card)

Project code: 212314

Position Code	Position (No. of positions available)	Essential Educational Qualification	Desirable Qualification	Nature of Duty	Monthly Emolument (Rs.)
01	Research Fellow –Tier I (1)	(1) First-class MSc or equivalent in Biotechnology/ Biochemistry or in any other biology stream with minimum 60% marks.	(1) BET- Category-II or NET-LS or equivalent qualification (2) Experience with human cell culture and molecular biology technique	1) Perform day to day research activities in the Laboratory (2) Collect patient samples including tumor tissues and blood (3) Act in a team to conduct research	20,800/- Fixed
02	Research Fellow –Tier II (1)	(1) First-class MSc or equivalent in Biotechnology/ Biochemistry or in any other biology stream with minimum 60% marks. (2) Hands on research experience of 2 years in cell and molecular biology field	(1) Experience with flow-cytometry technique	(1) Perform day to day research activities in the Laboratory (2) Collect patient samples including tumor tissues and blood (3) Act in a team to conduct research	23,400/- Fixed

Project code: 20281

01	Junior Research Fellow (1)	First-class MSc or equivalent in any branch of Life Sciences	Experience in cell/molecular biology techniques	Bio-specimen collection and processing; Prepping reagents etc for Molecular biology and genomic analysis. Administrative duties like lab ordering, and assistance in other ongoing projects	16,400/- Fixed
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