



Position available

A position for a highly motivated person capable of working independently as a Postdoctoral Fellow is available for an extramurally funded project being conducted at the National Institute of Biomedical Genomics (NIBMG), Kalyani. Selected applicants will be appointed for a period of **ONE** year, to be extended based on their performance and availability of funds.

Project Name:

Enabling Diagnosis and Treatment of Breast Cancer throughout India

The goal of this project is to develop a simple diagnostic test for breast cancer that is cheap, reliable and efficient for both diagnosis and monitoring. The basis for this test is liquid biopsy - isolating tumor-secreted vesicles or circulating cell-free DNA (cfDNA) in blood and assaying their contents for cancer biomarkers that will inform both diagnosis and treatment.

Project	Name of Position (No. of positions)	Essential Qualifications	Desirable Qualifications	Nature of Duty	Monthly Emoluments
Project Code: 20287	Postdoctoral Fellow (1)	<ol style="list-style-type: none">1. Ph.D* in Molecular Biology/Biochemistry/ Biotechnology/ Zoology/ Life Sciences/Biological Sciences2. Atleast ONE published research article in a peer-reviewed journal3. Significant practical experience in RNA/DNA based Molecular Biology techniques	<ol style="list-style-type: none">1. Experience in Tissue culture techniques,2. handling clinical samples3. Handling NGS data4. Good Ability to use written and spoken English	<ol style="list-style-type: none">1. Collection and purification of endocytic vesicles from serum samples,2. Isolation of RNA/protein followed by transcriptome analysis and immunoblotting3. Preparation of sequencing libraries4. Assistance with data analysis5. Manuscript preparation	Rs 50,000/-* (consolidated and fixed)

* Candidates who have submitted their thesis but have not yet received their degree, have peer reviewed publications are encouraged to apply, however, their remuneration will be fixed at the level of DBT Senior Research fellow (consolidated amount ₹36000/-)

Please apply online at <http://apply.nibmg.ac.in> (no other form of application will be accepted). The last date of application is **15th September 2018**. Please visit our website www.nibmg.ac.in for further information. Only the shortlisted candidates will be called for Interview/Test. No TA/DA will be provided for attending the Interview/Test.