

NATIONAL INSTITUTE OF BIOMEDICAL GENOMICS

(An Autonomous Institution of the Government of India)



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Positions available

Each applicant can apply 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.

The tenure of appointment may be extended depending on performance and availability of funds.

1. Project Name & Funding Authority: Understanding the biology of stem-like cancer cells from human oral tumors. [funded by Wellcome Trust-Department of Biotechnology India Alliance].

Project Description: 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. Applications are invited for the position of **Data Analyst** to undertake the challenging yet fascinating and exciting task of analysis and interpretation of massively parallel DNA and RNA sequencing data generated **from low input samples** of Oral-SLCCs from human tumors and also scientifically contribute to the project goals. The **age limit** for the post is **maximum 28 years** on the last day of the application. Details of this position are listed below:

Project code: 212314

Position Code	Position (No. of positions available)	Essential Educational Qualification	Desirable Qualification	Nature of Duty	Monthly Emolument (Rs.)
01	Data Analyst (1) [Contractual, Initial appointment for one year, to be extended thereafter as per performance and project extension by funding authority]	(1) MSc or equivalent in Bioinformatics or a related subject with first class marks	(1) Minimum 1 year experience in hands on massively parallel sequencing data analysis (2) Knowledge of programming languages like R, C/C++, JAVA, PYTHON	(1) QA/QC and analysis of massively parallel sequence data (2) Programming, design and operation of massively parallel DNA sequencing data analysis pipelines	18,000/- to 25,000/-, Consolidated & Fixed

The International Cancer Genome Consortium (ICGC) has been launched to coordinate large-scale cancer genome studies in tumours from 50 different cancer types that are of clinical and societal importance across the globe. The Indian initiative of the ICGC is on gingivo-buccal oral cancer (GBOC). The ICGC Laboratory of the National Institute of Biomedical Genomics is the site of genomic analyses of the initiative, which consists of next generation sequencing, genome wide scan and related activities. We are looking for motivated and bright individuals interested to explore career opportunities in these high throughput cutting edges laboratory technologies in genomics for the technical positions as follows. These positions are contractual and appointments will be initially given for one year, which are extendable depending upon performance and requirements of the project.

Project Name with code	Name of Position (No. of position required)	Nature of Position	Consolidated Retainer Fee [INR] Per Month	Essential Qualifications	Desirable Qualifications	Nature of Duty
ICGC – India Project 202094	Technical Specialist (1)	Contractual [Initial appointment for 1 year]	18,000/- to 25,000/-	(1) MSc or equivalent (or BSc with 3 years laboratory experience) in Genetics/Life Sciences/Biochemistry/related discipline; (2) Minimum 2 years of experience in genomics laboratory work	(1) Hands-on experience in massively parallel sequencing/ Sanger-CE sequencing/ microarray based genotyping or gene expression	Hands-on massively parallel sequencing laboratory work and instrument operations as well as other related laboratory activities
ICGC – India Project 202094	Data Analyst (1)	Contractual [Initial appointment for 1 year]	18,000/- to 25,000/-	(1) M.Tech, MSc or equivalent in Computer Science/Computer Applications/ Bioinformatics or a related discipline (2) Proficiency in programming in C/C++ or python (3) Prior experience in high-throughput data (NGS) handling.	(1) Handling of software packages and databases (2) Experience in handling DNA sequence/genotyping data	QA/QC and analysis of raw sequence data generated by massively parallel DNA sequencing platforms, programming, design and operation of massively parallel DNA sequencing data analysis pipelines

The Kalyani Cohort is a platform for research on complex traits and diseases. This cohort of about 20,000 individuals drawn from villages in and around Kalyani – a peri-urban region near Kolkata (formerly Calcutta) has been formed to serve as a platform for health and demographic surveillance studies, to be carried out under the leadership of the National Institute of Biomedical Genomics (NIBMG), Kalyani. We are looking for motivated and bright individuals interested to explore career opportunity in this cohort study.

Project Name with code	Name of Position (No. of position required)	Nature of Position	Consolidated Retainer Fee [INR] Per Month	Essential Qualifications	Desirable Qualifications	Nature of Duty
Kalyani Cohort Study 20266	Project Management Consultant (1)	Contractual [Initial appointment for 1 year]	50,000/- to 70,000/-	(1)MSc or equivalent in Life Sciences/related discipline; (2) Postgraduate degree/diploma in Management	Experience in the conduct of field studies on populations/cohorts involving collection of biospecimens	Management of population/cohort studies, Organization of complex projects, Liaison with potential users of technology platforms, and related work, Report writing

Interested and eligible candidates may email their recent Biodata in the specified format *clearly mentioning the name of the position in the subject line of the e-mail* to project_appln@nibmg.ac.in

Please download the Biodata format from

<http://www.nibmg.ac.in/?q=notices>

Receipt of applications will close at **5 P.M. on 28/02/2017**. **An applicant can apply for only one position.** Call letters to attend screening test and /or interview will be sent only to the short-listed candidates by Email only. No correspondence will be made with applicants who are not shortlisted /not called for screening test and /or interview. No TA/DA will be paid for attending the interview.