

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



P.O.: Netaji Subhas Sanatorium, Kalyani 741251, West Bengal, INDIA  
www.nibmg.ac.in

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Positions available

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.

**Project Name & Funding Authority:** Understanding HPV16 E7 mediated gene regulatory mechanisms in HPV16 related cervical cancer pathogenesis [Funded by: Department of Biotechnology, Government of India, Ministry of Science and Technology].

**Project description:** Cervical cancer is the most common cancer among Indian women of the lower socioeconomic strata and happens to be highly mortal. Oncogenic human papillomavirus infection, which is sexually transmitted, is the major etiological factor that causes this deadly disease. HPV infection contributes to neoplastic progression through the action of viral oncoproteins, mainly E6 and E7. In our laboratory, we have been exploring the mechanisms of cervical carcinogenesis driven by the HPV16 encoded oncogenic protein E7, employing genomics based tools coupled with functional assays. In the current proposal, we aim at understanding the impact of HPV16 E7 on global transcriptional processes in cervical cancers by regulating coding and non-coding transcripts. Besides providing mechanistic insights, this would help identify more robust target molecules for tackling such cancers.

**Walk-in interview** is being organized for recruiting one **Junior Research Fellow (JRF)** to conduct experiments based on clinical samples plus cell culture based experiments and one **Research Associate (RA)** for conducting more sophisticated experiments including CHIP-seq. RNA-seq and analysis of such data towards meeting the objectives of the project.

The date of walk-in interview is **January 25, 2018 (Thursday)** starting from **10 A.M.** The age limit for JRF is maximum **28 years** on the day of the interview. No TA/DA will be paid for attending the interview.

**Following documents are required at the time of interview:**

1. Curriculum Vitae along with reprints of publications, if any
2. One Passport- size coloured Photograph
2. Self-Attested Copies of Certificates of Educational Qualifications
3. Self-Attested Copies of Experience Certificates
4. Govt. issued Photo ID proof (Preferably Aadhar Card)

**Project Code: 20276**

#	Name of Position (No. of positions required)	Essential Educational Qualification	Desirable Qualification	Nature of Duty	Consolidated and fixed monthly emolument
1.	<b>Junior Research Fellow (1)</b>	M.Sc. or equivalent in Biochemistry/Human Genetics/Genetics/ Biotechnology/ Molecular Biology/ Zoology/ Life Sciences/Biological Sciences or related discipline  OR  M.Tech. in Biotechnology/Biomedical Engineering or related discipline	NET/GATE/BET qualified (Category II merit list of DBT-BET included)  Research experience.	Genotyping from blood/tissues/cultured cells, genomic DNA using RFLP, DNA resequencing, TaqMan-based methods, association analysis using statistical tests, manuscript preparation, performing various cell culture experiments- transfection, western blots, luciferase assays etc.	16,000/- plus 30% HRA  Or  (25,000/- plus 30% HRA ONLY for BET Category- II or NET-LS, or GATE or Post graduate in professional course as per DST-OM )
2.	<b>Research Associate (1)</b>	Ph.D in Biochemistry/Human Genetics/Genetics/ Biotechnology/ Molecular Biology/ Zoology/ Life Sciences/Biological Sciences or related discipline	Genomics, Cell Biology, Epigenetic/Chromatins biology, DNA/RNA purification, tissue culture based experiments	To conduct specialized experiments such as ChIP-seq/RNA-seq and various functional assays	36,000/- plus 30% HRA