



**भारतीय विज्ञान शिक्षा और अनुसंधान संस्थान भोपाल**  
**Indian Institute of Science Education and Research Bhopal**  
**Department of Biological Sciences**  
**Bhopal By-pass Road, Bhauri, Bhopal 462066**

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**Advertisement for the post of Postdoctoral Fellow**

**Adv No: DBT/BIO/2016090/04**

Date: 05.06.18

Applications are invited from Indian nationals for the post of Postdoctoral Fellow under the following research project funded by Wellcome Trust/DBT India Alliance.

**Title:** Hypoxia-mediated expansion of transcriptome due to epigenetic modifications in breast cancer tumorigenesis and chemoresistance

This project aims to investigate whether and how hypoxia contributes to the generation of cancer-specific spliced isoforms via epigenetic modifications and whether hypoxia-induced alternative splicing is involved in the tumorigenesis of Triple-negative breast cancer (TNBC).

For more details about our research, please visit our website <https://home.iiserb.ac.in/~sanjeevs/>

**Name of the Post:** Postdoctoral Fellow, Department of Biological Sciences

**Salary:** Rs. 36,000/- per month. In case of non-availability of residential accommodation, HRA @ 20% shall be admissible.

**Duration:** One year (extendable up to three years, subject to satisfactory performance and availability of funds)

**Essential Qualification:** Applicants should have a Ph.D. in Life Sciences or related subjects with experience in epigenetics/RNA biology/Cancer biology/NGS data analysis or related fields.

**Desirable:** Prior experience with molecular biology techniques. Candidates with experience in analysis of next-generation sequencing data/ R programming for statistical computing/ RNA work/chromatin biology are encouraged to apply. All applicants should have good communication skills and be proficient in spoken and written English.

**Age:** Maximum age is 32 years for general candidates at the time of application (to be relaxed by 5 years for SC and ST candidates and persons with physical disability)

**Application Procedure:** Interested applicants should email their CV and a 1-page cover letter (describing their past accomplishments, research interests, and career goals) along with names and contact information of three references to [sanjeevs@iiserb.ac.in](mailto:sanjeevs@iiserb.ac.in). This position will remain open until filled. Shortlisted candidates will be called for interview by e-mail. No TA/DA will

be paid to the candidate for appearing in the interview. The selected candidate will be notified by e-mail and expected to join immediately.

**Contact Details**

Dr. Sanjeev Shukla

Associate Professor & Wellcome Trust/DBT Intermediate Fellow

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