

**ADVT. NO. : 07/2013**

**Recruitment for various positions under funded projects**

Indian Institute of Science Education and Research (IISER) Pune is a premier autonomous Institution established by the Ministry of Human Resource Development, Government of India, for promotion of high quality science education and research in the country.

Institute invites applications from Indian nationals for the following positions on contract basis:

Name of the post	Project Fellow – Post 1
Project Code	<b>30711059</b>
Title of the Project	“Integrin-dependent regulation of anchorage independence in cancers” funded by the Wellcome - Dept. of Biotechnology India Alliance.
Title of the specific Project for this position	“Adhesion dependent regulation of small GTPase Ral in cancers. Role of Ral GEFs and GAPs”
Minimum prescribed educational Qualifications / experience	M. Sc. (Life Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for their final year Master’s exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience and those who have cleared CSIR-NET or equivalent examinations.
Job requirement	Cloning, PCR, RT PCR, western blot, mammalian cell culture, siRNA mediated knockdown assays, microscopy and image analysis.
Tenure of the project	Initially for a period of one year, extendable for further period of two years subject to satisfactory performance of the student and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
Last date of application	May 31, 2013
Date of Interview	June 14, 2013
<b>Remarks</b>	Kindly email application with write up on why you are interested in this lab to <a href="mailto:adhesionlab@gmail.com">adhesionlab@gmail.com</a> <u>Lab Website :</u> <a href="http://www.iiserpune.ac.in/~nagaraj/home.html">http://www.iiserpune.ac.in/~nagaraj/home.html</a>

<b>Name of the post</b>	<b>Project Fellow – Post 2</b>
Project Code	<b>30711059</b>
Title of the Project	“Integrin-dependent regulation of anchorage independence in cancers” funded by the Wellcome - Dept. of Biotechnology India Alliance.
Title of the specific Project for this position	“Role of Protein Tyrosine Phosphatases in regulating caveolin-1 phosphorylation in cancer”
Minimum prescribed educational Qualifications / experience	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for the Master’s exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience and those who have cleared CSIR-NET or equivalent examinations.
Job requirement	Mammalian cell culture, Cloning, PCR, RT PCR, Western blot, siRNA mediated knockdown assays, microscopy and image analysis.
Tenure of the project	Initially for a period of one year, extendable for further period of two years subject to satisfactory performance of the incumbent and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
Deadline for Application	May 31, 2013
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<b>Name of the post</b>	<b>Project Fellow</b>
Project Code	<b>30711044</b>
Title of the Project	“Molecular mechanisms of nuclear structure-function relationships in cancer” funded by the Wellcome - Dept. of Biotechnology India Alliance.
Minimum prescribed educational Qualifications / experience	M. Sc. (Life Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for the Master’s exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience and those who have cleared CSIR-NET or equivalent examinations.

Job requirement	Cloning, PCR, molecular biology techniques, western blot, virology, mammalian cell culture, knockdown assays, background in cytogenetics may be given preference
Tenure of the project	Initially for a period of one year, extendable for further period of two years subject to satisfactory performance of the student and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
Deadline for Application	May 31, 2013
Date of Interview	June 14, 2013

<b>Name of the Post</b>	<b>Project Fellow</b>
Project Code	<b>30710029</b>
Title of the Project	" <i>Modulation of the innate immune response by SUMOylation</i> " funded by the Wellcome - Dept. of Biotechnology India Alliance.
Minimum prescribed educational Qualifications / experience	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for the Master's exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience and those who have cleared CSIR-NET or equivalent examinations.
Job requirement	Experience with <i>Drosophila</i> as a model genetic organism Expertise in Biochemistry and Mass Spectrometry.
Tenure of the project	Initially for a period of one year, extendable for further period of two years subject to satisfactory performance of the incumbent and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
Deadline for Application	May 31, 2013
Date of Interview	June 14, 2013
Remarks	Please send a copy of your application to <b>grlab.iiserpune@gmail.com</b> <u>Lab Website:</u> <a href="http://www.iiserpune.ac.in/~girish">http://www.iiserpune.ac.in/~girish</a>

<b>Name of the Post</b>	<b>Project Fellow – Post 2</b>
Project Code	<b>30710029</b>
Title of the Project	<i>“Modulation of the innate immune response by SUMOylation”</i> funded by the Wellcome - Dept. of Biotechnology India Alliance.
Minimum prescribed educational Qualifications / experience	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for the Master’s exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience, Research Publications and those who have cleared CSIR-NET or equivalent examinations.
Job requirement	Maintaining Drosophila cultures, making fly media. Setting up immune Challenge and then measuring transcript levels of Defense genes using different molecular tools.
Tenure of the project	Initially for a period of one year, extendable for further period of two years subject to satisfactory performance of the incumbent and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
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<b>Name of the Post</b>	<b>Project Fellow</b>
Project Code	<b>30811053</b>
Title of the Project:	<i>“RNAi based genetic screen to identify interactors of dVAP33 and their role in VAPB mediated Amyotrophic lateral Sclerosis (ALS)”</i> funded by the Dept. of Biotechnology.
Minimum prescribed educational Qualifications / experience	M. Sc. (Life or allied Sciences) or equivalent degree with minimum 60% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for the Master’s exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience, Research Publications and those who have cleared CSIR-NET or equivalent examinations.

Job requirement	Genetics and molecular Biology based laboratory experiments using <i>Drosophila</i> as a model system.
Tenure of the project	Initially for a period of one year, extendable for further period of one year subject to satisfactory performance of the incumbent and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
Deadlines for Application	May 31, 2013
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Remarks	Please send a copy of your application to <b>grlab.iiserpune@gmail.com</b> Lab Website: <a href="http://www.iiserpune.ac.in/~girish">http://www.iiserpune.ac.in/~girish</a>

<b>Name of the post</b>	<b>Project Fellow</b>
Project Code	<b>30711043</b>
Title of the Project	"Mechanistic analysis of endocytosis of the amyloid precursor protein" funded by Wellcome Trust - DBT India Alliance
Minimum prescribed educational Qualifications / experience	M. Sc. (Life Sciences) or equivalent degree with minimum 55% marks/equivalent grade. Additional percentage cut-off will be applied during the screening process. Students appearing for the Master's exam in 2013 may apply.
Preference	Preference will be given to candidates having laboratory work experience and those who have cleared CSIR-NET or equivalent examinations.
Job requirement	Cloning, expression and purification of proteins in bacteria and insect cells and their subsequent analysis on membrane mimetic systems by biochemical and microscopy-based approaches; mammalian cell culture
Tenure of the project	Initially for a period of one year, extendable for further period of two years subject to satisfactory performance of the student and continuation of the study project.
Consolidated fixed emoluments per month	Starting from Rs. 12,000 or Rs. 16,000/- per month + 20% HRA based on academic qualification with CSIR-NET or equivalent examinations.
No. of positions to be filled up	One
Deadline for Application	May 31, 2013
Date of Interview	June 14, 2013

## How to Apply:

- Applicants should send the application **by email** addressed to [bio\\_app@iiserpune.ac.in](mailto:bio_app@iiserpune.ac.in) attaching duly filled **Application\_Form.doc** (converted to PDF) available under this advertisement on or before **May 31, 2013**. Please mention name of the Post and Project Code in the subject line.
- The list of the shortlisted candidates for interviews with details of date, time and venue will be put up on the Institute website under this advertisement and candidates will be informed **by e-mail** by June 3<sup>rd</sup> 2013.
- The written test and interviews will be conducted on **June 14, 2013** at IISER Campus, Sai Trinity Building, Sutarwadi Road, Pashan, Pune-411021. Time of the written test/ interview will be communicated by e-mail.
- The print out of the application form sent by email signed and dated by the applicant along with recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be **collected at the time of interview**. Applicant must bring all the original certificates at the time of interview for the purpose of verification, along with one set of photocopies.

### General Information / details about the posts

1. Appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISER Pune.
3. Appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it will not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Leader may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. No TA/DA will be admissible for appearing for the interview.
7. Selected candidates will have to join duty immediately on receipt of the offer.
8. Reservation as per Govt. of India norms will be followed.
9. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
10. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.