



**TATA MEMORIAL CENTRE**  
**ADVANCED CENTRE FOR TREATMENT, RESEARCH AND EDUCATION IN CANCER**  
Kharghar, Navi Mumbai- 410 210  
[www.actrec.gov.in](http://www.actrec.gov.in)  
Phone No: 91-22-27405000

No. ACTREC/ADVT/ 76 /2025

23<sup>rd</sup> April, 2025

**WALK - IN - INTERVIEW FOR**  
**POST-DOCTORAL RESEARCH FELLOW IN STEM CELL RESEARCH AT ACTREC**

Applications are invited from highly motivated and skilled Post-doctoral Research Fellow to join our cutting-edge cancer research team. This position offers an exciting opportunity to contribute to pioneering research in the field of cancer biology, with a particular focus on stem cell research and animal models of cancer at ACTREC. The applicant must have obtained a PhD degree from a recognized University. Those who have submitted their thesis and are awaiting the award of the degree are also eligible to apply. However, if selected, such candidates will be offered a fellowship equivalent to a Senior Research Fellow until they obtain their degree. **The position is for 2 years.**

The upper age limit for the fellowship is 35 years at the time of applying. Age will be calculated by taking the last date of application. **Age relaxation of five years will be given to candidates from SC/ST/OBC/Physically Challenged & Women candidates. For other exceptional candidates, age will be relaxed based on the discretion of the competent authority.** Since this fellowship is meant to bring in the best of candidates outside of ACTREC so that the faculty and the fellow mutually benefit from new expertise and a fresh perspective, the following conditions apply for the internal candidates:

**At the time of application, candidates who have graduated from ACTREC should not have completed more than six months after the award of the degree. Candidates who have graduated elsewhere and are working in any of the labs at ACTREC should not have been associated with the lab for more than six months at the time of application.** In either of these cases, the fellowship will be awarded strictly for one year, within which time the candidate has to find alternative support. No more than one fellowship will be awarded under this clause and the candidates will be subjected to the same selection protocol.

**Key responsibilities:**

- Conduct research on **stem cells** derived from **patient samples**, focusing on cell differentiation
- Design, implement, and analyze experiments using **animal models of cancer** to study the impact of various treatments and interventions.
- Knowledge on cancers of the haemopoietic lineage
- Collaborate closely with clinician colleagues and other investigators to explore novel therapeutic targets and strategies for cancer treatment.
- Prepare and publish research findings in high-impact scientific journals.
- Participate in lab meetings, seminars, & contribute to academic development of research group.
- Assist in mentoring graduate students and other junior researchers involved in the project.

**Essential Qualifications and Experience:**

- PhD in **Cell Biology, Cancer Biology, Stem Cell Research**, or a related Field.
- Extensive experience with **stem cell culture**, specifically from **patient-derived samples** (e.g. primary tumor cells, patient-derived xenografts, blood and marrow).
- Proven experience in the establishment and management of **animal models of cancer** (including but not limited to mouse models).
- Strong knowledge of blood disorders
- Excellent hands-on laboratory skills, including cell culture techniques, molecular biology, histology, and animal handling.

- Strong publication record in peer-reviewed journals.
- Exceptional problem-solving, organizational, and communication skills.
- Ability to work independently and collaboratively in a multidisciplinary team environment.

**Preferred Skills:**

- Familiarity with advanced imaging techniques, flow cytometry and molecular assays.
- Knowledge of **immunotherapy** in cancer cells is a plus.

**What we offer:**

- A dynamic and collaborative research environment focused on advancing the understanding of cancer biology.
- Access to state-of-the-art research facilities and resources.
- Opportunities for professional development and career advancement.
- Competitive salary and benefits.

**Application details:**

Provide CV and Statement of Purpose following the guidelines. SOP is graded and will be an essential criterion for shortlisting the applicants. This is an essential aspect of the recruitment process. An incomplete application will be rejected.

**Consolidated Salary: Fellowship amount and conditions are as per DBT norms. Rs. 73,660/- per month. (Rs. 58,000/- + 27% HRA) p.m.** The work progress of the candidate will be monitored, and extension will depend on satisfactory progress of the work.

**Candidates with provisional certificates and candidates who have cleared the viva voce can apply. The letter has to provide an official statement from their Institute confirming the same.**

**Candidates fulfilling these requirements should bring**

1. Recent CV – As per format in Appendix
2. Statement of purpose
  - a. Describe your dissertation or current research project. This should cover the broad aim, your key findings and why they matter to the field. **100 words.**
  - b. Highlight your qualifications, research experience and knowledge that make you the best candidate for the post. **150 words.**
3. List of key publications – Most recent publication should be on the TOP.
4. Original Certificates – Educational & Experience with photocopies
5. Aadhaar Card with photocopy
6. Recent photographs - Two

**Eligible Candidates may attend the walk-in interview on 9<sup>th</sup> May, 2025 in Conference Room, 3rd Floor, Khanolkar Shodhika, ACTREC, Kharghar, Navi Mumbai -410210**

*Alpasani*

**In-charge, Academic & Project Cell**

**APPENDIX**

**Curriculum Vitae format for the post of 'Post-Doctoral Research Fellow'**

Name					
Address					
Mobile No.			Email ID:		
Date of Birth (DD/MM/YYYY)			Confirm SC/ ST/ OBC / Physically Challenged / Female		
<b>Educational Qualification</b>					
Exam Passed	Board / University	Subjects	Year	Marks (%)	Thesis Title
PhD					
MSc					
BSc					
<b>Relevant Work Experience with current position at the TOP</b>					
From - To	Institute / Organisation	Position	Experience	Any specific remark	
<b>Research Publications</b>					
Total Number of research publications			First author publications		
<b>Name &amp; Contact details of 2 referees:</b>					
Name, Designation, Institutional affiliations & address, Contact no., Email addresses					
Referee 1:					
Referee 2:					
<b>Any other information</b>					
Date:			Signature:		