



TATA MEMORIAL CENTRE
ADVANCED CENTRE FOR TREATMENT, RESEARCH AND EDUCATION IN CANCER
(ACTREC)

Kharghar, Navi Mumbai- 410 210 www.actrec.gov.in

Phone No: 91-22-68735000, Extn.:5082/5353

(A Grant-in-aid Institution of the Dept. of Atomic Energy, Government of India)

No. ACTREC/ADVT-94/2025

24.05.2025

INTERVIEW for
Junior Research Fellow
(ON PROJECT)

To work on the project titled: *“Development of Next-Generation Bioengineered CAR-T Cells and CAR-NK Cells for Solid tumours”*

Name of the Project Principal Investigator (PI): *Dr. Albeena Nisar, CAR T Cell Therapy Center, ACTREC, Tata Memorial Center*

Name of the Funding Agency & Grant Project Title: **Department of Biotechnology - Establishment of Multi-Centric and Interdisciplinary Cancer Immunotherapy Network (CIN) for the Design & Development of Novel Indigenous, Affordable Cell Therapy Products for Cancer in India**

ESSENTIAL EDUCATIONAL QUALIFICATION & EXPERIENCE: Mandatory

- Post Graduate Degree in Basic Science **OR**
- Graduate/Post Graduate Degree Professional Course selected through any one of the following:
 - a. CSIR-UGC NET (including Assistant Professorship) and GATE
 - b. Selected through national level examination conducted by Central Government or the agencies (ICMR, DBT, DAE, DST, IIT, IISER, NISER, IISc etc.) qualified.

Preferred Experience:

Candidates with any of the following relevant experience (even 1–2) will be given preference:

- ***Viral Vector Handling: Expertise in lentiviral/retroviral vector manufacturing, purification (upstream & downstream steps)***
- ***Immunoengineering Techniques: Experience in designing ScFv constructs, antibody sequencing, gene synthesis and cloning***
- ***Computational Skills & Vector Design: CRISPR-Cas9, gene editing, and in silico tools***
- ***In Vivo Preclinical Skills: Experience with murine solid tumor models, including animal dosing, tumor implantation, and survival analysis.***
- ***Immune Cell Culture experience & Functional Assays***

SALARY: Rs. 46,990/-p.m. (Rs. 37,000/- + 27% HRA).

DURATION: 6 months with further extension depending on satisfactory performance.

Eligible candidates may apply and send their CV, Educational documents, Experience Certificates and Passport size photo with Aadhaar card soft copy in a pdf format to email fic.ctctc.tmc@gmail.com by **Tuesday, 10th June, 2025 by 5pm.** Application should contain the subject **“Application for the post of Junior Research Fellow, Name of the Project interested in”**.

Only the short-listed candidates will be called for Walk-in-interview, contacted by e-mail and notified about the interview date and timings.

Alpasani

In charge (Academic & Project Cell)