

Advertisement No. inStem/Temp/14/2022

ADVERTISEMENT FOR MOUSE GENOME ENGINEERING FACILITY - LAB ASSISTANT

No of position: 02

www.ncbs.res.in/research-facilities/acrc

The National Center for Biological Sciences & Institute for Stem Cell Biology and Regenerative Medicine Bangalore Bio-Cluster Mouse Genome Engineering Facility is looking for a new Facility Assistant.

Qualification & Experience:

BE/B.Tech/M.Pharma/Masters in any biological sciences with prior experience and expertise in molecular biology techniques.

Prior experience in handling of laboratory mice / rats, knowledge / experience in transgenic / knock out techniques and technologies is desirable. Excellent organization, recordkeeping, and English communication skills are essential.

Job Responsibilities:

- Generate, isolate and purify recombinant DNA constructs for generating transgenic mice
- Perform pronuclear microinjection, blastocyst injections, embryo transfers and survival surgeries
- Colony management, post-surgical animal monitoring, and care
- Perform CRISPR-Cas9 targeted gene editing in mouse embryos
- Coordinate and participate in the daily operations of the mouse genome engineering facility providing rederivation, *In Vitro* Fertilization, genotyping, Mouse sperm and embryo cryopreservation and breeding services
- Accurate recording keeping as per Standard Operative Procedures.
- Communicating project status and results with clients.

Pay Scale:

As per Govt. norms based on experience and qualification

Age limit: Below 35 years as on 01-03-2022

HOW to apply: Please carefully read the instructions below:

Candidates must submit an updated **CV/resume** and a **MANDATORY one-page COVER LETTER** describing their background and the reason for applying to this position. The CV and cover letter should be saved as a single document and uploaded in the CV space provided.

Please note candidates applying without a proper cover letter will NOT be considered.

Last date for receipt of applications: 12th July, 2022 at 5 pm IST

Applicants can email estt@instem.res.in in case of any issues encountered during the application procedure.