

**INSTITUTE FOR STEM CELL SCIENCE AND REGENERATIVE MEDICINE**  
**(An Autonomous Institute of the Department of Biotechnology, Govt. of India)**  
**GKVK Campus, Bellary Road, Bangalore-560065**

**Advertisement No. inStem/Temp/05/2022**

**LAB ASSISTANT - MOUSE GENOME ENGINEERING FACILITY – TRANSGENIC SERVICES**

**[www.ncbs.res.in/research-facilities/acrc](http://www.ncbs.res.in/research-facilities/acrc)**

Institute for Stem Cell Science and Regenerative Medicine ([www.instem.res.in](http://www.instem.res.in)) is an Autonomous Institution under the aegis of Department of Biotechnology, Government of India invites applications for the post of **Lab Assistant to join its Transgenic Services team on contract basis.**

Institute for Stem Cell Science & Regenerative Medicine (inStem) along with National Centre for Biological Sciences (NCBS) & Centre for Cellular and Molecular Platforms (C-CAMP) forms the Bangalore Bio-cluster. At an appropriate point, the incumbent may be entrusted the responsibility of overseeing the management functions of the cluster institutions.

**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:**

- Coordinate and participate in the daily operations of the mouse genome engineering facility providing transgenic and cryopreservation services
- Designing gene targeting strategies in mouse model generation
- Cloning of targeting and transgenesis vectors
- Generating CRISPR/Cas9-based reagents (i.e. gRNAs and templates)
- Designing genotyping strategies
- Conducting molecular biology services related to the generation and genotyping of transgenic mice
- Embryo collection, manipulations, Colony management, post-surgical animal monitoring and care
- Accurate recording keeping as per Standard Operative Procedures.
- Data management of client's project, 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

Mode of Applications: Only online applications will be accepted. Applications received through any other mode shall stand rejected automatically.

Application Fee: Nil

**The Last date for receipt of ONLINE applications: 28<sup>th</sup> April, 2022**

**HOW to apply: Please carefully read instructions below:**

To apply for the position, interested candidates may log into inStem website – Careers—Open positions (<https://www.instem.res.in/jobportal/>)

Candidates **MUST** send an updated **CV/Resume AND a MANDATORY one-page COVER LETTER** written by the candidate describing your background and the reason and interest for applying to this position.

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

Incomplete applications shall be summarily rejected and no correspondence in this regard shall be entertained.

Applicants can email [acrcinfo@ncbs.res.in](mailto:acrcinfo@ncbs.res.in) in case of any issues encountered during the application procedure.

Note: No selection will be made if suitable candidates are not identified.