



राष्ट्रीय पशु जैव प्रौद्योगिकी संस्थान National Institute of Animal Biotechnology

(An Autonomous Institute of Dept. of Biotechnology, Ministry of Science & Technology, Govt. of India)
Survey No. 37, Opp. Journalist colony, Extended Q City Road, Near Gowlidoddi, Gachibowli, Hyderabad-500 032
Tel: +91 40 2312 0103; Fax: +91 2312 0130; Email: admin@niab.org.in; Web: www.niab.res.in



Walk-in-interview Advt No.31/2022



Applications are invited from suitable candidate for filling up the following position at National Institute of Animal Biotechnology (NIAB), Hyderabad.

Post Code: Senior Research Fellow (1 Position)

Project: Development of transgenic chicken as bioreactor for easy and cost effective production of human therapeutic proteins - tissue plasminogen activator (htPA) and erythropoietin (hERP). PI: Dr. Nirmalya Ganguli.

Tenable upto: July 2025.

Eligibility:

For Senior Research Fellow (1 Position):

Post Graduate Degree in Life Sciences (Biotechnology, Biochemistry, Microbiology, Etc. with 2 years duration) with 3 years bachelor's degree and NET qualification along with 2 years of research experience in any of the following.

Experience: (Candidate with prior experience in any of the following area will be preferred.)

- Various molecular biology techniques, like RT-PCR, QRT-PCR, Immuno histochemistry, Immune cytochemistry, Droplet Digital PCR, protein purification and western blot analysis,
- Generation of expression vector by molecular cloning and its invitro characterisation, culture and maintenance of cell lines,
- Generation of expression vector for genome editing (knock-out and knock-in) using CRISP – Cas9 tools,
- Regulation of gene expression by shRNA mediated knock down,
- Cell sorting by FACS/MACS, single cell sorting and generation of cell lines,
- Isolation and culture of Stem cells, transfection and maintenance of stem cells, generation of iPSC, isolation and culture of cells from different tissue sources,
- Signal Transduction study by functional genomics.
- Handling and experimentation on rodent and goat model,

Fellowship amount: Rs. 31000/- PM + HRA for candidates with National Eligibility Test (NET) qualification.

Age: 35 years (Relaxation is admissible in case of SC/ST/OBC candidates as per Government instructions).

Interested candidates can come directly for a Walk-in Interview with a **Brief writeup about their Research Experience** along with documents in support of **date of birth, educational qualifications, experience certificates** etc. on **18th August 2022 at 10:00 am.**