



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: 040 2312 0130; Email: admin@niab.org.in; Web: www.niab.org.in



Walk in interview - Advertisement No. 01/2021



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

Post Code: Project Associate-I (2 positions)

Two positions of Project Associate-I against the SERB funded project entitled “Gene editing for generating tissue specific complete knock down/out of Myostatin gene for increased lean meat production in Indian goat (*Capra hircus*, Osmanabadi breed), Phase-I”. PI: Dr. Nirmalya Ganguli. Co-PI- Dr. Subeer S. Majumdar.

Tenable upto: December 2023.

Eligibility: Post Graduate Degree in Life Sciences (Biotechnology, Biochemistry, Microbiology, Etc.) or Post Graduate degree in professional courses (M. Tech in Life Sciences, M. VSc. Etc.).

Fellowship amount: Rs. 31000/-PM+24% HRA = 38440/- PM as per the DST guidelines.
Candidate without NET/GATE will receive fellowship a per DST OM Dated 10th July 2020 (25000+24%HRA=31000).

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

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

- (i) Various molecular biology techniques, like RT-PCR, QRT-PCR, Immuno histochemistry, Immune cytochemistry, Droplet Digital PCR, protein purification and western blot analysis.
- (ii) Generation of expression vector by molecular cloning and its invitro characterisation, culture and maintenance of cell lines,
- (iii) Generation of expression vector for genome editing (knock-out and knock-in) using CRISP – Cas9 tools.
- (iv) Regulation of gene expression by shRNA mediated knock down,
- (v) Cell sorting by FACS/MACS, single cell sorting and generation of cell lines,
- (vi) 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.
- (vii) Handling and experimentation on rodent and goat model.

Interested candidates can **send their biodata** with documents in support of date of birth, educational qualifications, experience certificates etc. to **Dr. Nirmalya Ganguli, (Email ID: nganguli@niab.org.in)** on or before **1st February 2021**. Candidates meeting the essential and relevant criteria and good CV will be selected and called (communicated) for an interview through video conferencing on **3rd February 2021 at 11:00 AM**.