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
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Walk-in Interview Advt. No. 26/2022

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 (1 position)

One position 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. 25000/-PM + HRA as per the DST guidelines.

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,

vii. Signal Transduction study by functional genomics.

viii. 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 **10th July 2022** Please mention “Application for Project Associate-I” in the subject. Candidates meeting the essential and/or relevant criteria and with good CV will be selected and called (communicated) for an interview through video conferencing. Last date for sending the application through email is **10th July 2022.**