

# **NATIONAL AGRI-FOOD BIOTECHNOLOGY INSTITUTE**

(Deptt. of Biotechnology, Govt. of India)

C-127, Industrial Area, Phase VIII, S.A.S. Nagar, Mohali-160 071. (Pb)

Website: [www.nabi.res.in](http://www.nabi.res.in)

ADVT. No: 2016-Researcher (02)

## **“WALK-IN-INTERVIEW”**

### **Junior/Senior Research Fellow (JRF/SRF)**

National Agri-Food Biotechnology Institute (NABI), Mohali, is an autonomous R&D Institute under Department of Biotechnology, Government of India. The institute carries out cutting edge research at the interface of agricultural biotechnology, bioinformatics, biostatistics, food processing, postharvest technology, and nutritional sciences. To accelerate high quality research, applications are invited from motivated candidates with high level of creativity, innovative research ideas and communication skills and drive for carrying out research aiming at the following areas. Applications are invited for the multiple position including for Junior Research Fellow (JRF)/Senior Research Fellow (SRF). JRFs will be encouraged to apply for the Ph.D. program at Panjab University.

#### **Junior/Senior Research Fellows:**

**Agri-Biotechnology (06-JRFs and 01-SRF):** (*Thrust areas includes:* gene discovery for improvement of processing and nutritional quality of wheat, data mining in crop genomes/transcriptome and epigenome, nutritional enrichment of banana for quality improvement, improvement in processing and nutritional quality of wheat, genome editing in crop plants and exploring molecular pathways for micronutrients and phosphate accumulation in wheat.

**Food and Nutrition Biotechnology (03-JRF and 01-SRF):** (*Thrust areas includes:* role of TRP channels in adipogenesis, biotechnological approaches for interconverting adipose tissue:metabolic implications, prebiotic dietary fibers for the prevention of obesity via modulation of beneficial gut bacteria and inflammation, nanoparticle iron formulation to ameliorate anemia and developing glycoconjugates capped multifunctional gold nanorod based nanobiosensors to detect food pathogens)

The JRFs/SRF will be hired as per the emoluments' guidelines and service conditions notified by DST (DST OM No.SR/S9/Z-09/2012 dated 21.10.2014) as per their *own fellowship support or a fellowship from NABI or externally funded project*. NABI may or may not select candidate(s) against one or more of the above areas of research, depending upon the suitability of the candidate to carry out high quality research.

Candidates have to ascertain their eligibility before the interview ([DST guidelines; kindly see attached document](#)).

Candidates are required to bring duly filled in Application Form (*in the prescribed format that can be downloaded from NABI website, [www.nabi.res.in](http://www.nabi.res.in)*) on **25<sup>th</sup> October, 2016 (Tuesday)** from **09:00AM onwards** at **NABI interim facility, C-127, Industrial Area, Phase-VIII, S.A.S. Nagar, Mohali-160071, (Punjab)**.

Candidates not fulfilling the criteria for JRF/SRF will not be entertained by any means. Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s).

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