



National Agri-Food Biotechnology Institute

(Department of Biotechnology, Ministry of Science and Technology)

C-127, Industrial Area, S A S Nagar, Phase 8, Mohali, Punjab, India-160071

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RECRUITMENTS OF DEANS AND SCIENTISTS: DIRECT RECRUITMENT OR ON DEPUTATION

[Advt. No. NABI/04/2013/Rectt.]

National Agri-Food Biotechnology Institute (NABI), Mohali, is an autonomous R&D Institute under Government of India, Department of Biotechnology. The institute is a state of the art facility in globally competitive and translatable research areas at the interface of agricultural biotechnology, food processing and nutritional sciences. The campus is being established on 35 acres of land in Knowledge City, Sector-81, Mohali. It is currently operating from the above address in Mohali. The applications are invited from individuals with outstanding research record and enthusiasm to develop an organization with world class environment, the best of science, and partnerships with public and private sector.

NABI needs staff of highest calibre and potential at various levels as shown below. The number of faculty positions is flexible. There are three positions of Deans, one each in Agricultural, Food and Nutritional Biotechnology.

Positions	Pay Band	Grade Pay	Total emoluments on Minimum of scale (Approximately)	Age Limit as on	Essential Qualification/ Equivalent			
					Ph.D.	Ph.D. (Engg.)	MD, M.Tech, ME	MBA, MBBS, B.Tech
					Research Experience (in years) after submission of PhD thesis or highest Master's Degree			
Deans	HAG 67000-79000	NIL	Rs, 1,37,130/-	55	15	-	-	-
Scientist-F	PB-4- 37400-67000	8900	Rs. 93,625/-	50	10	9	12	14
Scientist-E	PB-4- 37400-67000	8700	Rs. 88,075/-	50	7	6	9	11
Scientist-D	PB-3- 15600-39100	7600	Rs. 57,365/-	50	4	3	6	8
Scientist-C	PB-3- 15600-39100	6600	Rs. 49,688/-	40	1	0	2	4

Areas of specialisation as essential qualifications:

Research experience as shown above, after submission of PhD thesis or the award of highest Master's degree. Interest (evidenced by publications in high IF journals, patents of proven utility and, or products of applied value) relevant and critical to the following areas of research.

1. Plant Molecular Biology:

- Post harvest enhancement of shelf life and quality of fruit crops, cereals, legumes and vegetables.
- Nutritional improvement of cereals, legumes and fruit crops.
- Development of vectors for gene delivery in food crops, specially cereals and fruit crops.
- Small RNA research applied to biology and improvement of food crops.
- Non transgenic approaches to genetic engineering in plants.
- Metabolomic, proteomic and genomic applications to identify biomarkers, signal transduction, pathway regulation and applications to regulating plant growth and development.

- 2. Regulatory Research:** GM crops regulatory research, biosafety, environmental safety, tracing tools, global and national policy, chemical and functional equivalence.
- 3. Biomaterials & Enzymes:** Applications of biopolymers, smart polymers, nanomaterials, edible coatings, bioactive molecules and enzymes for enhancing post-harvest shelf life of fruits and vegetables.
- 4. Food Designing:** Improving structure and quality of foods, using enzymes, biomolecules and microbes
- 5. Bioinformatics:** Nucleic acid bioinformatics for differential transcriptomic, genomic analysis, pathway mapping, system biology preferably with skills in (a) Machine learning or (b) High Performance Computing or (c) Biostatistics.
- 6. Nutritional Biology:** Bioprocessing of foods for enhancing micronutrition and bioavailability
- 7. Plant Tissue Culture:** Micropropagation, double haploid development, genetic transformation of cereals and fruit crops.

Selection Process:

The applications and nominations will be received against the advertised positions. Suitably constituted Screening Committee will screen the applications in one or two stages on the basis of essential qualifications, recommendation letters, research outcomes and experience. The applicants identified as highly promising will be invited for interactions at the institute and for discussions with suitably constituted Selection Committee. The successful applicants will be invited to join.

General conditions for Recruitment:

- 1) This is a rolling advertisement. Applications can be submitted any time till November 30, 2013. The date for determining the age limit/experience/qualification shall be May 31 and Nov 30, when the applications received till that date will be screened.
- 2) The upper age limit is relaxable for SC/ST/OBC candidates, as per Govt. of India norms.
- 3) In addition to the usual pay & allowances as admissible vide 6th Pay Commission in the above scales, other benefits such as Leave Travel Concession, Medical expenses, House rent Allowance, Transport Allowance, Telephone Expenses etc. are also available as per rules.
- 4) The Institute encourages creation of knowledge and benefit sharing related to IPR.
- 5) Candidates will be governed by New pension Scheme of Central Government effective from 01/04/2004.
- 6) Appointment will be made initially on contract in project mode for a period of 5 years with an initial probation period of two years which may be extended / curtailed at the discretion of the Competent Authority. Further continuation, if any will depend on candidate's performance during the initial period of five years.
- 7) Candidates may choose to apply for more than one post by submitting separate application for each position. Depending upon suitability of the candidates, a higher or lower post may be offered by the Selection Committee.
- 8) Application must be complete in all respects and as per the institutional format. In case of employed applicants, the application must be forwarded through proper channel.
- 9) All applications must be supported by attested certificates, photograph, address including telephone, e-mail, qualifications, experience, status of reservations, analysis of research publications with respect to Impact Factor, Citations & h-factor (based on research articles), and a 1000 word statement on the research area of interest and its relevance to NABI.
- 10) Mere fulfilment of essential qualifications and experience does not entitle a candidate to be called for interview since the positions are for creative high quality research in areas of relevance to NABI. Candidate's experience and proven ability for research and team building in target area are most critical to the selection procedure. In this respect, at least three confidential letters of reference addressed by email directly to the Executive Director (scientistrectt13@nabi.res.in) should be arranged. These should comment upon:
 - I. Candidate's skills of strength suitability for path breaking research & innovative thinking.
 - II. Ability to function independently as well as in teams.
 - III. Execute state of the art experiments and research programs of fundamental and / or applied nature
- 11) Nominations by distinguished experts may be considered, depending upon merit and the area of

expertise.

- 12) In case of candidates employed in permanent posts, request for deputation and salary protection will be considered.
- 13) Incomplete applications will be summarily rejected.
- 14) In case a large number of applications are received, screening will be done to limit the number of candidates to those possessing higher qualification or experience and, if required, a written examination may additionally be conducted for further screening.
- 15) Outstation candidates called for interview will be paid to and fro second class railway fare for travel within the country, as per Government rules on presentation of the proof.

The applications should be submitted in the prescribed format available at our website (www.nabi.res.in) or can be obtained by post from “**Administrative Officer, National Agri Food Biotechnology Institute, C-127, Industrial Area, Phase-VIII, SAS Nagar Mohali, Punjab-160071 (India)**”. Application(s) completed in all respects, in the prescribed form accompanied by attested copies of certificates, testimonials in support of age, educational qualifications, experience etc., alongwith non-refundable application fee of Rs.100/- (US\$25 by suitable mode of bank transfer in case of candidates applying from abroad) for general and OBC category candidates (**No application fee for Scheduled Caste / Scheduled Tribe/PWDs candidates**), by means of Demand Draft (issued by State Bank of India only except for the candidates applying from abroad) valid for at least 3 months, drawn in favour of “National Agri Food Biotechnology Institute, Mohali” payable at Mohali(Branch Code 1828), should be sent to “The Executive Director, National Agri Food Biotechnology Institute, C-127, Industrial Area, Phase-VIII, SAS Nagar Mohali, Punjab-160071 (India)”.

Synopsis-sheet to be submitted by email: In addition to submitting the hard copy of application form, the candidate is also required to fill up his particulars in the synopsis-sheet available on NABI website, in MS-WORD or EXCEL format (NOT ON PDF FORMAT), and email to scientistrectt13@nabi.res.in. This is **MOST- URGENT**.

Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate. The decision of NABI in all matters relating to eligibility, acceptance or rejection of application, mode of selection, and conduct of interviews will be final and binding on the candidates. In exceptionally meritorious cases, the eligibility requirement may be relaxed by the competent authority.

To know more about ‘National Agri-Food Biotechnology Institute’, kindly visit our website www.nabi.res.in.

Applications will be picked up for screening in two batches, first on May 31 and second on Nov 30, 2013.

Administrative Officer