

National Agri-Food Biotechnology Institute (NABI)
(Dept. of Biotechnology, Ministry of Science & Technology, Govt. of India)
Sector-81, Knowledge City, Manauli P.O, S.A.S. Nagar-140306, Punjab, India.
Website: www.nabi.res.in

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Walk In Interview for the temporary Positions of Research Associate-II, Senior Research Fellow.

National Agri-Food Biotechnology Institute (NABI) is an autonomous Institute under Department of Biotechnology, Government of India. NABI aims at catalysing the transformation of Agri-food sector in India by being a nodal organization for knowledge generation and translational science leading to value-added products based on Agri-Food biotech innovations for improved household nutritional security. Since its inception in 2010, NABI is involved in research activities for the Bio fortification, development of designer crops for improved nutrition, providing sustainable and novel solutions towards quality food and nutrition, and development of evidence based functional foods to counter malnutrition. Food and nutritional Biotechnology division at NABI requires following research personnel purely on temporary basis.

Name of project:-

"Beneficial Modulation of Gut Bacteria as a Strategy for the prevention of Life Style Associated Disorders" (Core Grant)

Summary: -

There is a surge in the research on understanding the involvement of gut microbiota in causing chronic diseases. Accordingly, perturbations in the gut microbial communities is observed in many diseases like inflammatory bowel disease (IBD), obesity and irritable bowel syndrome (IBS). This hints that healthy diet modifications could beneficially modulate the microbiota and can reduce the disease risk. Our research group aims to evaluate various dietary ingredients and functional foods for their role in modification of the gut microbiota and in alleviating diseases using rodent models and high through-put "omics" platforms.

1. Manpower: -

Research Associate (RA-II); 01 Position

Principle Investigator:- Dr. Kanthi Kiran Kondepudi, Scientist E.

Essential qualifications:-

PhD/MD/MS/MDS or equivalent degree in Life Sciences or having 3 years of research, teaching and design and development experience after MVSc/ M.Pharm/ME/M.Tech with at least one research paper in Science Citation Index (SCI) journal. (Eligibility criteria as DST OM No.SR/S9/Z-08/2018 dated 30.01.2019)

Desirable Experience:-

1. Experience in Nutritional Biochemistry/Pharmaco-nutrition with high experience in working with small animal models of diabetes, obesity and gut bacteria; gene expression analysis; Western Blotting evidenced by high quality peer reviewed publications.
2. Working experience for the use of HPLC, GC, PCR and RT-PCR.

Emoluments: -

Rs 49,000/- + 16%HRA

Responsibilities: -

1. Responsible for conducting evidence based research on novel food ingredients and functional food products using animal models
2. Nutrigenomics and metagenomics analysis of various dietary interventions.
3. Development of innovative food products and their functional studies.

Emoluments:

The RA-II will be hired as per the emoluments' guidelines and service conditions notified by DST (DST OM No.SR/S9/Z-08/2012 dated 30.01.2019)

Age Limit:

40 years for RA-II (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI instructions).

2. Manpower:

Senior Research Fellow, 01 position

Principle Investigator:- Dr. Kanthi Kiran Kondepudi, Scientist E.

Project:-

“Metagenomic and Functional Characterization of Soy-based Fermented Food Products from North-East Region” (Project GAP-16)

Duration of the Project:

Till 11th January 2020 and the SRF position is co-terminus with the project.

Summary of the project:

Fermented foods and beverages have long been consumed and are the integral part of diets of every community in the world. In India, especially in the Northeast region, fermented foods using local crops and other biological resources are very common and an age old practice. Fermentation processes (and products) are a part of socio-ecological system made of interactions between living and non-living components. Different fermented and non-fermented foods are used in various combinations with traditional vegetables and other products to meet the food and nutritional security. Functional study of the fermented foods from India are lacking.

Responsibilities: -

(a) Metabolite profiling of popular soy based fermented foods from NER; (b) Animal interventions to understand molecular nutritional/nutrigenomic effects of fermented foods and (c) develop a process to take fermented food production from house-hold level to commercial level.

Qualification: -

Post graduate degree in Basic Science or Graduate/Post Graduate in professional course selected through a process described through any one of the following

a) Scholars are selected through National Eligibility Tests-CSIR UGC NET including Lectureship (Assistant Professorship) and GATE.

b) The selection process through National level examinations conducted by Central Government Departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.

Essential Qualification for Senior Research Fellow-

Qualification prescribed above with two years of research experience.

Desired Experience: -

Training in Microbiology, Food & Nutrition preferably in performing batch fermentations and gut microbial estimations.

Emoluments: -

35,000/-PM+16% HRA

Age:

32 years for Senior Research Fellow (Relaxation is admissible in case of SC/ST/OBC/PD as per GOI instructions).

Application and Selection Process:-

All interested candidates may appear for Walk-In Interview at National Agri-Food Biotechnology Institute (NABI) located at Knowledge City Sector-81, Mohali 140306 on **14th October, 2019 (Monday) at 0900 hrs along-with duly filled Application form (Mandatory)** available on the website www.nabi.res.in. The duly filled application form must be submitted at the time of registration at NABI from **09:00 hrs to 10:00 hrs on above mentioned date and time.** The candidates must ascertain their eligibility before applying; as ineligible candidates will not be interviewed. All the candidates are requested to appear for the interview with full CV, thesis/project report, publications and original degree certificates and transcripts. No TA/DA will be paid for appearing in the interview. Canvassing in any form or bringing influence, political or otherwise, will lead to disqualification of the candidate(s).