



National seminar
on
Biochemical and Molecular Biology Intervention for Nutritional Security and Food Safety
December 12th to 13th, 2019
(BMBINSFS-2019)



Organized by
Department of Soil Science & Agricultural Chemistry
N.M. College of Agriculture
Navsari Agricultural University, Navsari
Gujarat 396 450

In present scenario nutritional security and food safety is a major concern for Indian citizen, especially to infants and women. Nutritional security implies physical, economic and social access to balanced diet, clean drinking water, safe environment and health care (preventive and curative) for every individual. Food Safety refers to handling, preparing and storing food in a way to best reduce the risk of individuals becoming sick from food borne illnesses. Food safety is a global concern that covers a variety of different areas of everyday life. In the current decade many achievements have been made in the field of nutritional security and food safety through biochemistry and molecular biology and at present also several new innovations are coming out regularly. Ensuring food and nutrition security is a challenge for India, given its huge population and high levels of poverty and malnutrition. India is a net agricultural exporter, particularly of milk, fruits and vegetables, and cereals. However, food availability is threatened by the effects of climate change and declining water resources on agriculture output. Economic access to food by about a fourth of the population living below the poverty line is problematic, despite impressive economic growth in the recent years. The level of food absorption is also low. In this modern era of globalization and industrial growth, one of the key questions that need attention in a developing country like India is that of food safety. Almost any kind of food can spread disease, and unsafe food is responsible for creating a vicious cycle of disease and malnutrition, affecting all, but particularly infants, young children, and the elderly. Food can be rendered unsafe by pathogenic organisms or chemicals. Access to sufficient and safe food is a basic human necessity and essential for creating a world without hunger and for achieving poverty reduction worldwide.

In Gujarat state several biochemistry and molecular biology related projects are operating in different State Agricultural Universities, ICAR Institutes, State Universities, Private Universities and Private Industries. Several entrepreneurs are showing interest in biochemistry and molecular biology in relation to nutritional security and food safety. Government of Gujarat and Government of India have also launched several schemes to encourage teaching and research in the field of biochemistry and molecular biology. Being Agriculture University the research focus of Navsari Agricultural University is on nutritional security and food safety. Looking to the wide teaching and research in biochemistry and molecular biology and its potential for nutritional security and food safety there is need of exchange of information among the biochemists and molecular biologists working all over country over this issue.

About the Place:

Navsari, (20°55'38"N 72°53'54"E) a district headquarter is about 250 km north of Mumbai connected by road, rail and air through Surat, Vadodara, Mumbai and Ahmedabad. The place is known for trading of agricultural commodity especially banana, mango and sapota. The district is surrounded by historical place like, Dandi known for Salt Satyagraha of Mahatma Gandhi and many more. During the month of November the temperature ranging from 20°C to 34°C. The nearest airport is Surat, Vadodra, Mumbai and Ahmedabad. The place is well connected by the train from all the capital cities and it is also called twin city of Surat.

How to reach the Navsari:

Navsari is well connected by roadways, railways and airways to all major cities in India. It is situated on main rail and road lines connecting Delhi and Mumbai. Navsari is only 30 km away from Surat by road and rail. University campus is just 3.0 km away from Navsari Railway Station (West) and 24X7 local transportation facilities are available at railway and roadways station. Nearby airports are Surat (50 km), Vadodara (180 km), Mumbai (250 km) and Ahmedabad (290 km).

Themes:

Technical sessions consist of lead lectures along with oral and poster presentations covering the following thematic areas:

1. Recent advances in food fortification and nutraceuticals
2. Molecular biology in nutritional security
3. Advancement in food processing and technology
4. Stress management in nutritional security
5. Recent advances in food safety
6. Current status of nutritional security and food safety

Call for Papers:

The seminar will features invited talks, oral and poster presentations. Participants are requested to send typed abstract not exceeding 250 words in soft copy only through e-mail in English using MS word (single spacing) with Times New Roman Font, size 12. It should contain title, name(s) of author(s) followed by their address and e-mail address of corresponding author. The name of presenting author must be underlined. The soft copy of the abstract should be submitted by email to bmbinsfs@gmail.com on or before 25th November, 2019.

Invited lectures:

There will be invited lectures on topic by different scientists from renowned research institutions and university.

Oral Presentation:

The oral paper of contributory papers will be restricted to 10 minutes duration. Participants are requested to follow time limit and prepare their presentations accordingly in MS power point. Among the submitted abstracts, a few will be selected for oral presentation in technical sessions of thematic area.

Poster presentation:

The other contributed papers will be allowed as poster in the poster session concurrent to the concerned technical sessions on the given time. To encourage the participants the best three posters in each session will be considered for award. The size of poster should be 90 cm x 120 cm and necessary materials for poster display will be provided.

Registration:

Participants are requested to register on or before 30th November, 2019 by paying the registration fees (non refundable) through demand draft from any national bank favoring "**Organizing Secretary, BMBINSFS-2019, Navsari**" payable at **Navsari**. Registration forms may be downloaded from university website (www.nau.in). Online payment can also be made on State Bank of India in the name of "**BMBINSFS-2019**", Account no. **38803139905**, IFSC Code **SBIN0003889** and MICR Code **396002062**. The abstracts from the registered participants will be published in abstract book.

Participants

Scientist/Faculty
JRF/SRF/RA
Students
Private industries

Fees

₹ 3000 /-
₹ 2000 /-
₹ 1500 /-
₹ 4000 /-

Accommodation:

Accommodation will be provided to registered delegates on first come first serve basis at NAU campus guest houses at nominal charges and in nearby hotels with tariff ranging from ₹ 1000 to 2000/- per day per head. Request for accommodation may be made by 30th November, 2019 to Prof. V.P. Vejpara (email: vpvejpara@nau.in).

Valedictory function:

Valedictory function shall be organized on 13th December 2019. The recommendations of different technical sessions and action plan will be formulated for future.

Address for correspondence:

Dr. Diwakar Singh

Organizing Secretary

National Seminar on Biochemical and Molecular Biology Intervention for Nutritional Security and Food Safety (BMBINSFS-2019)

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Dr. C.J. Dangaria

Honorable Vice Chancellor, NAU, Navsari

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NAVSARI AGRICULTURAL UNIVERSITY

Registration form

National seminar

on

Biochemical and Molecular Biology Intervention for Nutritional Security and Food Safety

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(BMBINSFS-2019)

Name :

Designation :

Address for Communication :

Telephone :

Mobile :

Email :

Accommodation required : Yes/No

Category : Scientist/Faculty/Scholar/Student/Private Industry

DD Number and Date/ Online :

submitted amount detail with date

Bank Name and Branch :

Title of Paper :

Thematic area :

Mode of presentation : Oral/Poster

Date:

Place:

Signature of the Candidate