

International Symposium
On
**Biotechnology for
Food-Nutritional
Security & Organic
Agriculture**

MARCH 25-26, 2019

SPONSORED BY



**DBT, GOVERNMENT OF INDIA,
NEW DELHI**

ORGANIZED BY



**DBT-NORTH EAST CENTRE FOR
AGRICULTURAL BIOTECHNOLOGY
(DBT-NECAB)
ASSAM AGRICULTURAL UNIVERSITY
JORHAT, ASSAM-785013**

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ABOUT THE SYMPOSIUM

Agricultural biotechnology holds great promise to achieve food and nutritional security through Molecular breeding and Gene technology including genome editing, generating improved crop varieties with higher yield and nutritional quality. Biotechnologically generated crop varieties confer tolerance against adverse weather and soil conditions, resistance to pests and diseases, eventually resulting in better productivity. Bioprospecting of microbes from soil, plants, animals and insects has proven evidence of discovering agriculturally important novel genes / bioresources to be used for food and nutritional security. Bioinputs, such as biofertilizers and biopesticides are creating lucrative opportunities for the farmers and organizations to augment their entrepreneurship and research for an environment-friendly agriculture promoting organic farming. The main objective of this symposium is therefore, to highlight the different biotechnological strategies and their potential to mitigate global challenges of hunger

and malnutrition. This symposium is intended to disseminate know how of the following focus areas.

FOCUS AREAS

- Gene mining & molecular breeding for improvement of major crops
- Genome modification for improvement of major crops
- Microbial bioprospecting for discovery of agriculturally important genes
- Generation and application of bioinputs to promote organic agriculture

REGISTRATION FORM

Name:

Date of Birth **Sex**

Department/Institution:

Address for communication:

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Mobile:

Email:

Educational qualification:

Current position:

Accommodation required: Yes/No

(On payment basis)

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Signature of the candidate

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Signature of the sponsoring authority

IMPORTANT DATES

Last date of receiving Application: 25.02.2019

Participants will be intimated by: 10.03.2019

INVITED SPEAKERS

- Prof. S. K. Sopory, Ex.VC, JNU
- Prof. Douglas Cook, UC Davis, USA
- Dr. Ajay Parida, Director, ILS
- Prof. N. K. Singh, NRCPB
- Dr. M.V. Deshpande, NCL
- Dr. Alok Adholiya, TERI
- Dr. Ashok Giri, NCL

HOW TO APPLY

Properly filled registration form along with the extended abstract should reach the convener through email: necab.workshop@gmail.com

REGISTRATION FEES

| Participants | India (Rs.) | Abroad (USD) |
|---|-------------|--------------|
| Scientists/Academicians/ Research Scholar | 3000 | 100 |
| Students | 1500 | 50 |

Registration includes symposium kit and meals.

Payment is to be made by transfer to:

Acc. Name: Centre Director, DBT-AAU Centre

Acc. No: 912010039289532 (Axis Bank, Jorhat)

IFSC: UTIB0000376

Swift: AXISINBB376

ACCOMMODATION

Arrangements can be made subject to request and availability in the AAU Guest House and Hostels on payment basis.

CONTACT

Email ID: necab.workshop@gmail.com

Phone: 0376-2310190

ABSTRACT GUIDELINES

- The abstracts should be in extended form including **Background, Methodology, Results and Conclusion** as sub-headings not exceeding 300 words.
- The abstracts should contain up to six keywords.
- Full names of all authors and their affiliations should be clearly mentioned.
- Names of the corresponding author and presenting author should be marked with an asterisk and underline respectively.
- The abstracts must be in Microsoft Word document format with Times New Roman font, size 12 and overall line spacing of 1.5.

ABOUT THE CENTRE

The DBT North East Centre for Agricultural Biotechnology (DBT-NECAB) has been established with a vision to preposition Assam Agricultural University and the whole of North-Eastern region with the mandate to undertake exploratory research in crop biotechnology. The center has identified and taken up some futuristic research programmes like attempting gene based solutions to insect pests in grain legumes; soil acidity problem through microbial genomics; targeting drought tolerant genes in rice bio-resources of the region; enhancing organic agriculture through large scale production and generation of modern bio-inputs etc.

HOW TO REACH

The venue is 2 kms from Rowrah Airport (JRH), 5 kms from Jorhat town railway station (JTTN)/bus station.

Air: Regular flights to Jorhat from Kolkata and Delhi are available.

Rail: Convenient way to reach Jorhat by train is via Guwahati.

Road: The NH37 connects Jorhat to Guwahati; Distance: ~ 300 kms; Car/Bus: 6hr

ABOUT JORHAT

An academic hub to Assam, Jorhat is home to many R&D and educational institutes. Jorhat has the historical city of Sivasagar (the former Ahom dynasty's capital) on the east, the Kaziranga National Park on the west and Majuli island district (world's largest river island) on the north.



Sightseeing can be arranged with prior contact with e-mail: sudip.asm@gmail.com