

International Conference on Functional Biology and Molecular Interactions: Applications in Health and Agriculture

FBMI 2017

December 20-22, 2017

The Department of Biochemistry, University of Lucknow, Lucknow is organising a three-day conference on 'Functional Biology and Molecular Interactions (FBMI 2017)' with international participation. The conference will see experts in the field from India and abroad deliver lectures, interact and share their scientific experiences. The conference will also have oral and poster presentations from scientists/faculty members and students.

There will be separate competitive sections for plant biology and animal biology in the form of posters and oral presentations for young scientists.

It is proposed to bring out a merit-based collection of papers presented in the conference in the form of peer-reviewed proceedings.

The conference aims to address the following areas of research:

- Animal and plant function, responses to biotic and abiotic stimuli and the basis of disease. Molecular basis and biochemistry of development and microbial integration.
- Response of plants, animals and microbes to environmental cues, including stress.
- Molecular interactions involved in developmental processes and programmed cell death in plants and animals
- Interventional strategies: Approaches through chemical biology. Engineering drugs and sourcing from the repository of natural compounds.
- Biotechnological approaches: Stress tolerant organisms through recombinant DNA, vaccines and gene therapy. Genetically modified organisms.
- Biophysical approaches to study protein-protein, protein-nucleic acid interactions and interactions of small molecules of natural or synthetic origin, including xenobiotics/toxicants, with biological macromolecules.
- Signalling pathways, and metabolic events as integrators of molecular interactions.
- Molecular probes and biophysical approaches to track developmental as well as stress induced changes.
- Bioinformatics approaches and strategies for *in silico* analyses to study molecular interactions and their integration.
- Omics approach for the study of biological interactions.

Accommodation: Limited accommodation is available on paid basis. Outstation participants are advised to inform well in advance.

Registration:

Registration shall cover conference material and hospitality through the tenure of the conference. Registration charges are as under:

Students	Rs. 3,000
Permanent faculty/ Scientists	Rs. 4,000
Corporate participants	Rs. 6,000
Foreign participants	US \$ 150

There will be additional Rs. 1000 spot registration charge

Payment can be made via demand draft or NEFT. Bank details are as follows:

Beneficiary name: **FBMI 2017**

Account No: **187302000000186**

IFSC code: **IOBA0001873**

Payable at: **Indian Overseas Bank, BSIP**

Branch, Lucknow-226007

Abstract should be submitted in MS-Word format. 12 pt Times New Roman should be maintained throughout. Abstract size should not exceed 250 words. Abstracts should reach us by Nov 30, 2017 in the following format:
Title: Bold.

Authors' name: Presenting authors' name should be highlighted. All others in normal font.

Affiliation: Address and email of corresponding author

Keywords: Italics. Maximum 5 keywords.

Abstract: Justified text adjusted in one paragraph.

Posters size must conform to 90cm (width) x 100cm (length) in portrait format with minimum 16 pt. text

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