



Circular



NATIONAL CONFERENCE

ON

**CURRENT TRENDS IN BIOLOGICAL SCIENCES FOR
SUSTAINABLE AGRICULTURE, ENVIRONMENT AND HEALTH
UNDER CLIMATE CHANGE**

&

**XV CONVENTION OF THE
INDIAN SOCIETY OF AGRICULTURAL BIOCHEMISTS**

NOVEMBER 23-25, 2023

at

**DEPARTMENT OF BOTANY
UNIVERSITY OF LUCKNOW, LUCKNOW**

***Jointly Organized
by***

**Indian Society of Agricultural Biochemists
C.S. Azad University of Agriculture & Technology
Kanpur- 208 002**

&

**Department of Botany
University of Lucknow
Lucknow- 226 007**

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REGISTRATION FORM

To receive further information regarding the Conference, please complete and return this form to Prof. Munna Singh, Organizing Secretary, Department of Botany, University of Lucknow, through email: isabnov23@gmail.com

Title: Prof./Dr/Mr/Mrs/Ms -----

Nationality-----

Field of Specialization -----

Organization (Affiliated to) -----

Mailing Address -----

City ----- Pin Code -----

Mobile No.-----

E-mail ID-----

Research Paper/Abstract Title -----

Theme-----

Mode of presentation: Oral-----Poster-----

Interest in Conference tour: Yes-----No-----

Accommodation required: Yes-----No-----

Preferred accommodation:

Hotel-----Guest House -----Hostel -----

Accommodation type preferred: Single -----Double sharing-----

Date-----Signature-----

Note: Payment of registration fee/ accommodation charges by cash/ demand draft/ multi-city cheque in favour of Organizing Secretary of the conference, can be made along with the registration form. Online payment can also be made. The account details are given below:

Account Name: XV CONVENTION OF THE INDIAN SOCIETY OF AGRI BIO

Account Number: 41779223175 , IFSC Code: SBIN0014906

State Bank of India, LU Branch

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Prof. Munna Singh, Organizing Secretary

Head, Department of Botany, University of Lucknow, Lucknow- 226 007

Mobile: 91-9451766349

Email: isabnov23@gmail.com



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About the Conference

The Indian Society of Agricultural Biochemists, Department of Agricultural Biochemistry, C.S. Azad University of Agriculture and Technology, Kanpur, and Department of Botany, University of Lucknow, are jointly organizing a National Conference on *Current Trends in Biological Sciences for Sustainable Agriculture, Environment and Health*, in association with *XV Convention of the Indian Society of Agricultural Biochemists*, at the University of Lucknow, Lucknow, from November 23-25, 2023. The application of biological sciences in agriculture, environment and health has become increasingly prominent in the last decade. Advances and innovations in biological science help to understand the holistic biochemical mechanisms underlying the interactions between environment, agriculture, and health, so as to pave way for sustainable co-existence. Climate change, industrial growth, and indiscriminate chemical inputs for agricultural production are adding to environment deterioration, affecting human and animal health. The biochemical and molecular approaches can help in studying the interactions among multiple signaling systems, to control the stress adaptive responses in plants. Recently, ‘omics’ approaches have led to deeper know-how of biochemical pathways leading to crop improvement and productivity enhancement. This conference will cover a broad spectrum of areas, including biochemical pathways and techniques, molecular biology, bioinformatics, nutritional sciences and ‘omic’ technologies, for sustainable and climate resilient agriculture, nutritional security, enhanced nutritional quality, and improved post-harvest technologies. The conference will provide an opportunity for the participants to share their ideas and experiences in person with their fellow scientists.

University of Lucknow, Lucknow

Raja Sir Mohammad Ali Mohammad Khan, Khan Bahadur, K.C.I.E. of Mahmudabad, conceptualised the inception of a University at Lucknow. Canning College, established by the Taluqdars of Oudh (Awadh) in the memory of Lord Canning, the Viceroy of Oudh, was later given the shape of a residential University, with the foundation stone of the University being laid by Sir Harcourt Butler, in 1921. Teaching began formally on July 17, 1921, in the faculties of Art, Science, Commerce and Law at the Canning College, while the faculty of Medicine was established at the constituent King George's Medical College. The third constituent college of the University, at its inception, was the neighbouring Isabella Thoburn College. Presently there are 47 Departments included within 10 Faculties. The main campus of the University is located at Badshah Bagh, University Road, with a second campus at Jankipuram. Nearly twenty agricultural colleges of four neighbouring districts, Hardoi, Raebareli, Sitapur and Lakhimpur kheri, are now affiliated to the University of Lucknow. Faculty of Agriculture has been created to ensure education in agriculture. The University of Lucknow has recently accredited with A++ status by the National Assessment and Accreditation Council (NAAC-2022).

Department of Botany

The Department of Botany at the University of Lucknow, established in 1921, emerged as a comprehensive centre of teaching and research, with its pioneering faculty led by Professor Birbal Sahni, FRS, Founder-Head of the Department (1921-1949), who placed this Department on an international platform through his Palaeobotanical research. Its illustrious Faculty members have received Fellowships of National and International Academies/Societies, and its alumni have been decorated with the prestigious Padma Awards.

Department has had the privilege of being served by Father of Palaeobotany- Prof. Birbal Sahni, and Lichenology- Prof. D.D. Awasthi. Department has also produced renowned and legendary figures in Plant Nutrition- Prof. S.C. Agarwala, and Bryology- Prof. Ram Udar. The Department of Botany has a strong faculty of 23 teachers, and active teaching and research disciplines include Phycology, Bryology, Cytogenetics, Plant Breeding, Ecology and Soil Science, Floristics and Morpho-taxonomy, Molecular Plant Virology and Microbiology, Mycology, Plant Pathology, Plant Physiology and Biotechnology. The Department offers graduate and postgraduate courses in Botany. It also offers M.Sc. courses in allied disciplines such as Environmental Science and Microbiology, to enable students to pick up hands-on training during the internships in various renowned scientific Institutes of the city, and an opportunity for specialized careers in these frontline areas.

Lucknow City

Lucknow, the capital city of Uttar Pradesh, has witnessed the flourishing crafts of artisans, poets, musicians, and litterateurs. The city is famous for its Zardosi work, chikankari, kathak dance form, ghazal recitals, and much more. It is known for its hospitality, elegance in dialect, renowned cuisine, magnificent monuments, gardens and parks. Adorned with rich and beautiful historical monuments such as Bada Imambara, Rumi Darwaza, Residency, and parks, namely Janeshwar Mishra park, Dr. B.R. Ambedkar park and Dr. Ram Manohar Lohiya park, it is a major tourist destination. The Nawabganj bird sanctuary and the Dudhwa tiger reserve are located nearby. Further, Lucknow is famous for its lip-smacking kebabs, biryani, chaat and kulfi, to name a few. Lucknow is also the Science city of U.P, and is home to four CSIR labs, three ICAR Institutes and 10 Universities. The present-day sprawling malls, happening restaurants, mushrooming bakeries, and cafes, have all given the city a modern flavour, while preserving its unique old-world charm. The weather in Lucknow during November is expected to be pleasant, with temperature ranging between 24 to 30 °C. Lucknow is well connected by air, rail and road. The major airport, Chaudhary Charan Singh (CCS) International Airport, earlier known as 'Amausi Airport', is located approximately 15 km from the city center. Lucknow is well connected to different cities of India by the Charbagh Railway Station. Coming to Lucknow via bus from nearby cities is also a viable option. A number of deluxe, luxury and Volvo buses ply frequently between Lucknow and nearby cities.

Themes for the Conference

1. Current trends and innovations in biological sciences
2. Omics for productivity and quality enhancement of agricultural crops
3. Abiotic and biotic stress adaptation
4. Post-harvest management and food processing
5. Environment in relation to sustainable agriculture and water conservation
6. Green technologies in agriculture for protecting environment and health
7. Modern approaches for crop improvement

Theme for the Student Elocution Contest

Role of Biochemistry in Agriculture: Past, Present and Future

- Number of participants from each University: Two
- Duration of the talk:10 minutes

Call for Abstracts

Original research papers related to any of the theme areas are invited for oral or poster presentations. The abstract should contain title, name(s) of author(s) followed by their address and e-mail address of corresponding author. The abstract should not exceed 300 words. Abstract Title-14 point, Bold, all CAPS, Font-Times New Roman; Author-12 points, Centered, presenting author underlined; Text-12 point, 1.5 spacing, justified. The abstract should be submitted only by e-mail to the Organizing Secretary on or before 31st October 2023. After review by the Technical Committee, papers will be selected for oral/poster presentation. Acceptance of abstracts will be intimated to the participants by e-mail.

Poster presentation

There will be structured and organized poster session. The poster must comprise brief introduction, objective, methodology, salient findings and conclusion. Poster dimensions: 36” x 38” (W x H).

Registration

Last date, October 31, 2023

| Category | Registration Fee | Spot Registration Fee |
|-----------------------------|--|-----------------------|
| Delegates | INR 5000 (for ISAB Members) INR 6000 (For ISAB non-members) | INR 6000 INR 7000 |
| Students | | |
| Stipendiary | INR 2500 | INR 3000 |
| Non-Stipendiary | INR 1250 | INR 1500 |
| Accompanying spouses/guests | INR 2000 | INR 2500 |

Language

The official language of the Conference will be English.

Venue

The Venue of the National Conference will be the Department of Botany, University of Lucknow, Lucknow, U.P., India.

Accommodation

Accommodation will be arranged for the delegates in hostels, guest houses and hotels, as per request.

Post Conference Tour

Local sightseeing, covering important places of Lucknow, and a Visit to Ayodhya, shall be arranged on request.

Cultural Programme

A cultural programme will be arranged for the delegates on November 23, evening.

Expo-2023

An exhibition of Scientific Instruments, food, herbal products, books, etc. will be organized during the Conference.

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