CONFERENCE

Theme

Biotechnology in Sustainable Development

Khulna, Bangladesh
OCTOBER 07 & 08 | 2023

Organized by

Biotechnology and Genetic Engineering Discipline
Khulna University
Khulna-9208
Bangladesh

Biotechnology and sustainable development are intricately linked and playing a pivotal role in advancing and achieving sustainable development goals. Biotechnology utilizes living organisms and biological systems to develop innovative solutions that promote economic growth, social progress, and environmental conservation. In the agricultural sector, biotechnology enables the development of genetically modified crops that exhibit improved yields, resilience to pests and diseases, and reduce environmental hazards. It contributes to the sustainable agriculture by optimizing resource utilization, minimizing chemical inputs, and enhancing food security. In healthcare, biotechnology drives the development of new treatments, diagnostics, and vaccines, improving healthcare outcomes while addressing the global burden of diseases. Biotechnology also plays a vital role in environmental sustainability, with the applications in pollution control, waste management, and the production of renewable energy sources. By leveraging the power of biotechnology, we can foster sustainable industrial processes, promote the circular economy, and reduce our reliance on finite resources. Overall, biotechnology serves as a catalyst for sustainable development, offering innovative and holistic solutions to address the complex challenges facing our planet and future generations.

Biotechnology and Genetic Engineering (BGE) Discipline at Khulna University, Bangladesh is the pioneering dynamic and vibrant academic department dedicated to advancing research, education, and innovation in the field of biotechnology, which started its undergraduate program in 1995. With a strong commitment to sustainable development and addressing local and global challenges, the discipline offers a comprehensive range of programs and facilities for students and researchers. Led by a team of esteemed faculty members with diverse expertise, the department provides a nurturing environment for students to explore the interdisciplinary aspects of biotechnology and genetic engineering. Through cutting-edge research, state-of-the-art laboratories, and collaborations with national and international institutions, the discipline has played a pivotal role in contributing to the growth and development of the biotechnology sector in Bangladesh and beyond. With a focus on fostering scientific curiosity, critical thinking, and ethical practices, the BGE Discipline of Khulna University is at the forefront of shaping future leaders and innovators in the field of biotechnology.

As part of the continuous academic activities, BGE Discipline of Khulna University is going to organize a conference in Khulna on 7 & 8 October 2023. This conference will create an excellent opportunity to interact and share innovative ideas in Biotechnology among experts, researchers, scientists and followers from academia, industry and government sectors already committed to participate in this conference.

We look forward to welcoming you in Khulna during the conference.

Language

English will be the working language of the conference.

Contact Details

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Venue

Journalist Liakat Ali Auditorium, Acharya Jagadish Chandra Bose Academic Building (2nd Academic Building), Room # 2466, Khulna University, Khulna- 9208, Bangladesh

Preparation of Abstract

Abstract must be written in Times New Roman font, size 12. Each abstract must not exceed 250 words. Please follow the following instructions for title, name of the author(s), affiliation(s) for the submission of abstract. All submitted abstracts will be peer reviewed before final acceptance.

Example:

Risk assessment and bioburden evaluation of Agrobacterium tumefaciens-mediated transient protein expression in plants using the CaMV35S promoter

Matthias Knödler[1], Paul Winman Reunious[2] and Johannes Felix Buyel[3]

[1]Fraunhofer Institute for Molecular Biology and Applied Ecology IME, Forckenbeckstrasse 6, 52074 Aachen, Germany; [2]Institute for Molecular Biotechnology, RWTH Aachen University, Worringerweg 1, 52074 Aachen, Germany; [3]Department of Biotechnology (DBT), Institute of Bioprocess Science and Engineering (IBSE), University of Natural Resources and Life Sciences, Vienna (BOKU), Muthgasse 18, 1190 Vienna, Austria.

Instructions for Poster Preparation

Prepare your poster using a standard size, such as 36 inches (width) by 48 inches (height), unless otherwise specified. Design your poster in a landscape orientation. Clearly state the title of your research or study at the top of the poster. Include sections such as Introduction, Methods, Results, Discussion, and Conclusion to present your research in a logical flow. Include your contact information (e.g., email address) on the poster in case reviewers or attendees have questions or want to reach out to you. Hereafter, please provide the E-mail address of the corresponding author during submission.

Preparation of Full Paper

Only original articles are invited. The manuscript should be typewritten in Times New Roman font, size 12 (double space) in A4 sized paper. There is no page limit and the author will be charged for per page. Each manuscript should consist of Title page (including full title, names, affiliations of authors, contact details of corresponding author); Abstract (not exceed 250 words); Introduction; Materials and Methods; Results; Discussion (Results and Discussion should not be combined); References; Figure Legends; Tables; Figures. Tables must be on separate pages after the references, and not be incorporated into the main text. Figures should be provided as separate figure files. All submitted manuscripts will be peer reviewed before final acceptance.

Submission of Abstract(s) and Full Paper(s)

Abstracts and manuscripts should be submitted on or before 31 August 2023. It is highly recommended to mention the scientific session fit with the submitted abstract. Abstracts and manuscripts should be submitted to bgeconf2023@ku.ac.bd

Scientific Sessions

1. Agricultural Biotechnology
2. Microbial and Industrial Biotechnology
3. Food and Nutraceutical Biotechnology
4. Medical and Pharmaceutical Biotechnology
5. Bioenergy, Toxicology and Environmental Biotechnology
6. Bioinformatics and Computational Biology

The scientific sessions are not limited to the above mentioned areas, might include other areas related to broader scope of Biotechnology.

Registration Fee(s)

Local Participant

Faculties and Researchers-	Tk. 2000
Students-	Tk. 1000
Accompanying person (each)-	Tk. 1000

Foreign Participant (SAARC Countries)

Faculties and Researchers-	US $ 75
Students-	US $ 50
Accompanying person (each)-	US $ 50

Foreign Participant (Other Foreign Countries)

Faculties and Researchers-	US $ 200
Students-	US $ 100
Accompanying person (each)-	US $ 100

Deadline of Abstract/Full Paper Submission: 31 August 2023

Deadline of Registration: 07 September 2023

Payment Details

Account Name: CONFERENCE BGE-2023
Account Number: 0200020680512
Routing Number: 010471690
SWIF Number: AGBKBDDH023
Agrani Bank Ltd.
Khulna University Branch
Khulna-9208
Bangladesh

Website Link for Registration

bgeconf.ku.ac.bd