

REGISTRATION - DETAILS

Link for Registration Form

<https://form.qfixonline.com/interconlifescience>

Note: Registration Fee-link will be auto-generated in the Form. Kindly remit the Fee in the form.

CHIEF PATRON



Dr. Ashok Gupta
Chancellor

PATRONS

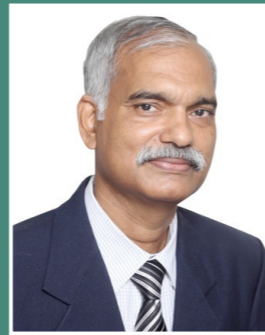


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INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY APPROACHES IN LIFE SCIENCES

January 22-23, 2025



ORGANIZED BY : DEPARTMENT OF ZOOLOGY

INVITATION

Distinguished Colleagues,

It is our immense pleasure to invite you to two days International Conference on "Multidisciplinary Approaches in Life Sciences" being organized by the Department of Zoology, IIS deemed to be University, Jaipur on 22 and 23 January, 2025.

ABOUT JAIPUR

Jaipur, the Pink City of India, is the chief attraction for visitors to Rajasthan. This city which is the capital of Rajasthan, casts an unusual spell on the traveller with its royal palaces, forts and monuments, revealing a historic past of chivalrous warriors, aristocratic royal, art & craft, literature as well as science. Handicrafts like miniature paintings, textiles, blue pottery and jewellery make it a shopper's paradise.



ABOUT THE UNIVERSITY

IIS (deemed to be University), Jaipur is among the pioneers in Rajasthan in imparting high quality education to women in different streams. It is known for excellence in delivering value-based education to students and encourages them to think innovatively in different walks of life. It particularly focuses on preparing students to become world ready citizens, who are abreast to take any professional and social challenges with an educated and empowered mind. With over 5500 students, the University offers UG, PG and Doctoral programmes in Arts, Science, Social Sciences, Commerce, Management, Computer Science & IT.

YEUNGNAM UNIVERSITY

Yeungnam University, located in Gyeongsan, South Korea, is a prestigious institution known for its commitment to academic excellence and global impact. Established in 1967 through the University has grown into one of South Korea's leading research Universities, offering a broad range of undergraduate, graduate, and professional programs. The University is particularly renowned for its strengths in engineering, natural sciences, and business administration, attracting students worldwide. Its state-of-the-art facilities and cutting-edge research centers provide a stimulating environment for innovation and academic growth. Yeungnam University also places a strong emphasis on internationalization, fostering global partnerships and exchange programs with numerous institutions worldwide.

ABOUT THE CONFERENCE

The life sciences encompass a wide array of biological studies, but recent advances have shown that integration with fields like engineering, chemistry, physics, data science, and even social sciences can result in more robust solutions to complex biological processes. As the life sciences continue to evolve, such interdisciplinary platforms will be increasingly essential for addressing global health, environmental, and biotechnological challenges.

This conference on Multidisciplinary Approaches in Life Sciences will provide a platform for researchers, practitioners and students from various fields to discuss and collaborate on research and innovations that bridge multiple scientific disciplines.

ABOUT THE DEPARTMENT

The Department of Zoology at the IIS University was established in the year 1995. It offers a range of programmes which include Under- Graduate (Honors & Passcourse), Post Graduate, and Doctoral programme with specialization in Cancer and Radiation Biology, Environmental Toxicology, Cell and Molecular Biology and Human Genetics.

The department under the able guidance of Prof. P J John as Dean has well qualified faculty members and is strengthened by well equipped laboratories, animal house and trained technicians. The Department has the honour of receiving research projects from prestigious organizations like DRDE, DST, UGC, CSIR etc. The core area of research are Bioremediation, Anti-Mutagenic activities, Environmental and Developmental Toxicology, Cancer Biology, Reproductive Toxicology, Teratology, Genotoxicity and Microbiology. The work done in these areas is well documented in the form of research publications in various National and International Journals.



KEY THEMES AND OBJECTIVES

- 1. Interdisciplinary Collaboration:** The primary goal of such conferences is to bring together experts from various fields to solve intricate biological problems. For example, biologists working alongside computational scientists can analyze vast datasets (e.g., genomics, proteomics), while collaboration with engineers can help develop advanced biotechnological tools.
- 2. Emerging Technologies:** Sessions will focus on cutting-edge tools and methodologies, such as CRISPR gene editing, synthetic biology, bioinformatics, and AI-driven drug discovery. Integrating these technologies into life sciences will accelerate innovation particularly in areas like personalized medicine, environmental sustainability, and biotechnology.
- 3. Systems Biology and Computational Models:** Systems biology, which examines the interactions within biological systems, benefits greatly from a multidisciplinary approach. This conference will highlight how mathematical modeling, big data, and artificial intelligence are transforming the ability to simulate and understand complex biological processes.
- 4. Ethical Considerations and Societal Impacts:** The integration of life sciences with other disciplines also raises new ethical and societal concerns, which will be explored in panel discussions. These sessions address topics like the ethical implications of genetic modifications, the societal impact of advancements in healthcare, and the responsibility of scientists toward the environment.

Sub – Themes:

Exploring innovations & impact in toxicology & environmental health, Environmental toxicology & Pollution impact, Neurotoxicology & Neurodegenerative disease, Microplastics & Emerging contaminants in toxicology, Disease & Public health basic sciences, Advances & Applications in Biosciences, Plant Based drugs/ Herbal Medicine in human health, Nanotechnology & drug development, System biology & Human diseases, Artificial intelligence & Machine Learning in Health sector.

CALL FOR PAPERS

GUIDELINES FOR SUBMISSION OF ABSTRACTS

The abstract should not be more than 250 words.

Title: MS word in Arial (Size 16 points) in single spacing

Authors: MS word in Arial (Size 14 points)

Affiliation: MS word in Arial (Size 12 points)

Abstract: MS word in Arial (Size 12 points) in single spacing

Abstracts should briefly include the purpose of study, material and methods, results and conclusions. At the bottom of the page, please indicate the category (theme) and also the preference for presentation (oral or poster). The name of the presenting author should be underlined and provide the e-mail address.

Abstract should be submitted through e-mail at ICMALS24@iisuniv.ac.in. Abstracts of only registered candidates will be considered for oral/poster presentation.

All the submitted abstracts will be scrutinized by a reviewing committee. Papers that are found to contain non-original contents or are identified as plagiarized will be rejected. The decision of the IISU committee will be final. Information of acceptance will be sent by e-mail to presenting/ corresponding author.

REGISTRATION FEE:

Category of the Participants	Registration	Spot Registration
Academician/Industry Experts /Entrepreneur	2000/-	2200/-
Research Scholar, Students (UG/PG)	1500/-	1700/-
Foreign *Academician/**Research Scholar, Students (UG/PG)	* \$ 100/ \$ 50	** \$ 150/ \$ 100

- Last date for Submission of Abstract: 13th January 2025
- Acceptance of Abstract: 15th January 2025
- Last date for Registration: 15th January 2025

ORAL PRESENTATION

- For oral presentation, time of seven minutes will be given to each speaker.
- Standard Audio Visual equipment will be provided for the presentation.

POSTER PRESENTATION

- Size of the poster should be 1 x1 meter.
- Pins and stand will be provided by the organization.
- Poster should be legible enough to be viewed from a distance of 4 feet.

AWARDS

- The Oral and Poster presentations will be evaluated by a team of experts and best presentations will be awarded.

TRAVEL & ACCOMMODATION

- No travel reimbursement will be made by the organizers.
- Accommodation can be booked on request. The payment for the same will be borne by the participants.

