



Centre for Bioscience and Nanoscience Research

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461/3 Amman Nagar, L&T Bypass Road, Eachanari, Coimbatore - 641021

6th NATIONAL CONFERENCE ON "Frontiers in Combating Antibiotic Resistance Exploring Microbial Bioactives and Nanoparticles" (FCAR:EMBN)

ABOUT THE CONFERENCE

Antibiotic resistance is a type of antimicrobial resistance where bacteria change in a way that reduces the effectiveness of drugs designed to cure or prevent infections. These changes can occur naturally over time as bacteria evolve to survive, but human actions like overuse and misuse of antibiotics can speed up the process. Resistant bacteria can survive antibiotic treatment and multiply, passing on their resistance to other bacteria.

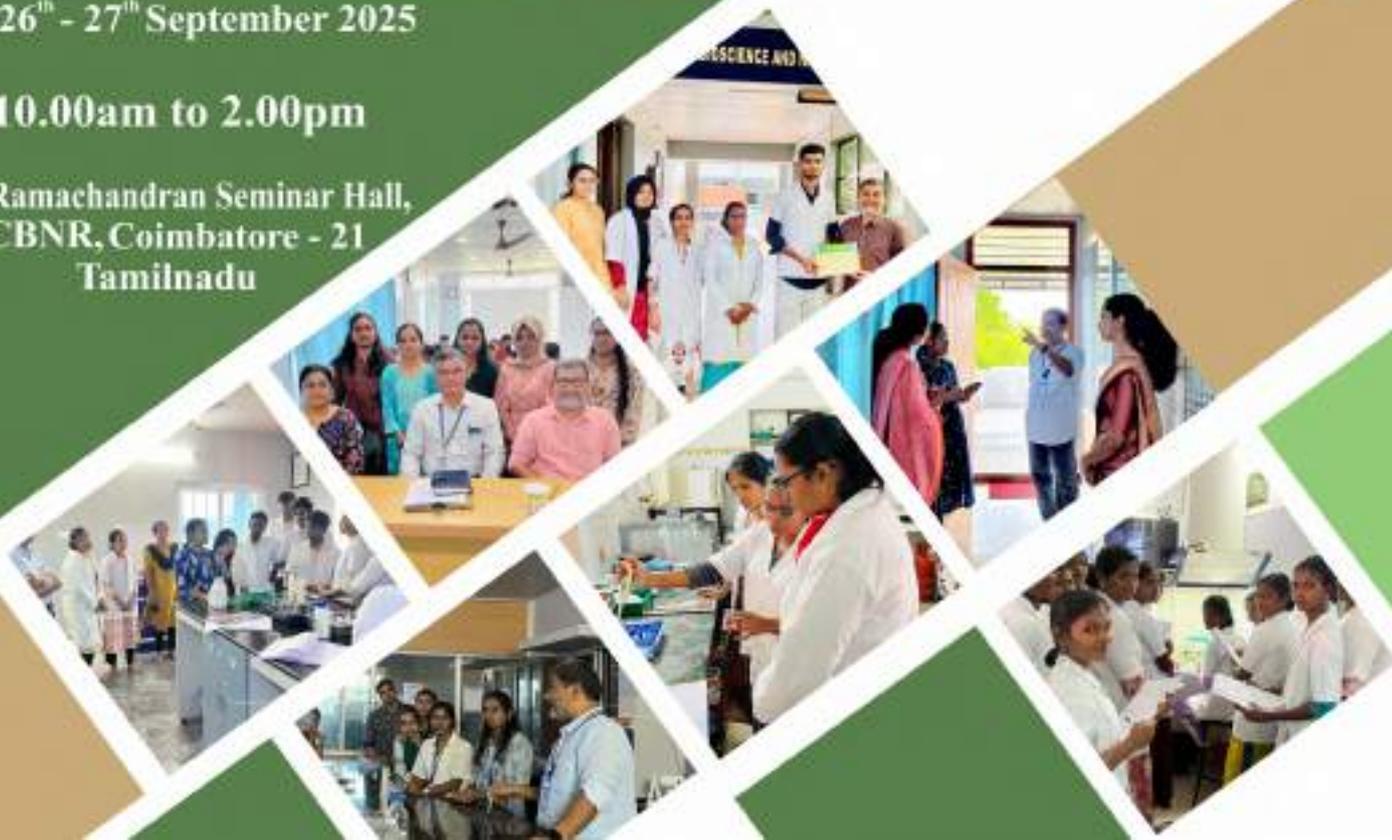
Microbial bioactives are naturally occurring compounds produced by microorganisms such as bacteria, fungi, and actinomycetes. These bioactive molecules play critical roles in microbial ecology, often serving as defense mechanisms or signalling agents. Importantly, many microbial bioactives exhibit potent biological activities, including antimicrobial, antiviral, anticancer and immunomodulatory effects.

Recently nanoparticles were used in biomedical applications, they are widely explored for drug delivery, diagnostics, and imaging, allowing for targeted therapy with improved efficacy and reduced side effects. Additionally, nanoparticles are used in antimicrobial coatings, cancer treatments, and as carriers for vaccines and genes. Advances in nanotechnology continue to drive innovation, enabling the design of multifunctional nanoparticles that can interact precisely at the molecular and cellular levels, opening new frontiers in healthcare and technology.

 26th - 27th September 2025

 10.00am to 2.00pm

 Ramachandran Seminar Hall,
CBNR, Coimbatore - 21
Tamilnadu



THEME OF THE CONFERENCE

Antibiotic-resistant infections / Microbial resistance

Biopharmaceutics

Marine - based secondary metabolites

Probiotics / Bioactive compounds from microbes

Plant based drugs / Phytochemistry

Bionanotechnology/Bionanomedicine

Biotechnology-based Products

"THE OUTCOMES OF THE CONFERENCE WILL BE PUBLISHED IN PROCEEDINGS BEARING AN ISSN, WITH A SELECTION OF ABSTRACTS INCLUDED"

ELIGIBILITY

All life science students / Research Scholars / Faculty and Scientists

REGISTRATION FEE

₹ 800

Mode of payment :



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ABSTRACT

Abstract should be prepared by using MS word in Times New Roman (12 font size), 1.5 line spacing. Bold the name of the presenting author not more than that 400 word with E mail id.

AWARDS

The conference will Present Best Research Paper Award to one paper. Only the author who presents the paper will get a Presentation Certificate. All other registered participants will get a Participation Certificate.

Accommodation will be arranged on earlier intimation as per availability with nominal charges .

Last date of Registration and abstract submission:

20/09/2025

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Registration Link : <https://forms.gle/wQ63F9PKbtywJm1U6>

Note :

"Detailed information about invited talks and the conference programme schedule will be provided upon registration and abstract submission."

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461/3, Amman Nagar, L&T BY Pass Road, Eachanari,
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Registration Link :

