

# INFORMATION BROCHURE

National Conference on



**icmr** **NICED**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH NATIONAL INSTITUTE OF  
CHOLERA AND ENTERIC DISEASES



“Exploring the Bioresources of India to fight  
against Antimicrobial Resistance (AMR)”

[www.amrconference2024.in](http://www.amrconference2024.in)

**April 4-5, 2024**

*Organized by:*



**INSTITUTE OF BIORESOURCES AND  
SUSTAINABLE DEVELOPMENT (IBSD)**

Takyelpat, Imphal, Manipur, India

[www.ibsd.gov.in](http://www.ibsd.gov.in)



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INDIAN COUNCIL OF  
MEDICAL RESEARCH NATIONAL INSTITUTE OF  
CHOLERA AND ENTERIC DISEASES

**ICMR-NATIONAL INSTITUTE OF CHOLERA  
AND ENTERIC DISEASES (ICMR-NICED)**

P-33, C.I.T. Road, Beliaghata, Kolkata, India

[www.niced.org.in](http://www.niced.org.in)

*In Association with:*



**SOCIETY FOR ETHNOPHARMACOLOGY (SFE)**

Shaktigarh, Jadavpur, Kolkata, India

[www.ethnopharmacology.in](http://www.ethnopharmacology.in)

**Venue: Science City Auditorium, J.B.S. Haldane Avenue,  
Kolkata-700 046, India**

## About the Program:

The North-East region (NER) is renowned as nature's paradise and is globally recognized among the top ten biodiversity-rich hotspots, having significant ecological diversity and a rich tapestry of ethnic and cultural traditions. This region is gifted with enormous amount of valuable medicinal resources uses by traditional healthcare professional to manage infectious diseases.

Antimicrobial resistance (AMR) poses both health and economic burden for patients and healthcare systems, globally. The efficacy of several antibiotics is threatened by the emergence of resistant microorganisms. Multiple interlinked factors including high burden of disease, poor public health infrastructure, lack of appropriate diagnostic support, empirical treatment practices, have amplified the crisis of AMR in India.

Therefore, we need to come together and fight this health challenge collectively, for well-being of ours and coming generations towards reducing the AMR burden in India and beyond. There is an urgent requirement to develop new drugs /medicines, therapeutics, diagnostics and preventives to combat the superbugs through collaborations to strengthen research in AMR.

This seminar will be highlighting on crucial and contemporary aspects of recent trends on AMR research horizons. It also deals with the strategies for exploration of bioresources to develop alternative effective therapeutics against AMR. This program is also highlighting on different strategies to overcome this hurdle together with the awareness amongst the common people and health care professionals.

We cordially invite you all to participate in this seminar and explore the opportunities!

## Organizing Committee



## **INSTITUTE OF BIORESOURCES AND SUSTAINABLE DEVELOPMENT (IBSD)**

[www.ibsd.gov.in](http://www.ibsd.gov.in)

Institute of Bioresources and Sustainable Development (IBSD) is an autonomous Institute under Department of Biotechnology, Ministry of Science and Technology, Govt. of India Imphal, Manipur, having its other center and nodes in Gangtok, Sikkim; Aizawl, Mizoram; and Shilong, Meghalaya. The institute is working on Bioresources development and their sustainable use through biotechnological interventions for the socio-economic growth of the region with the major goal of scientific management of bioresources in the Indian region falling under Indo-Burma Biodiversity Hotspot. For further details please visit: [www.ibsd.gov.in](http://www.ibsd.gov.in)



## ICMR-NATIONAL INSTITUTE OF CHOLERA AND ENTERIC DISEASES (ICMR-NICED)

[www.niced.org.in](http://www.niced.org.in)

ICMR-NICED conducts research on acute diarrhoeal diseases of diverse etiologies as well as on typhoid fever, infective hepatitis and HIV/AIDS related epidemiological research and screening. Aims of this Institute are to conduct research on these diseases in both basic and applied aspects. The Institute also trains health professionals for better management and prevention of diarrhoeal diseases and for rapid and correct diagnosis of the etiological agents. Epidemiological investigations of diarrhoeal diseases are carried out in different parts of India. Presently, specific monoclonal antiserum for detection of *Vibrio cholerae* O139 strains have been developed and are supplied to WHO (SEARO), New Delhi for distribution to various national and international laboratories. As WHO Phage Reference Center, this Institute receives a large number of *Vibrio cholerae* strains from all over the world for Phage typing. For further details please visit: [www.niced.org.in](http://www.niced.org.in)



## SOCIETY FOR ETHNOPHARMACOLOGY (SFE)

*"Globalizing local knowledge and localizing global technologies"*

[www.ethnopharmacology.in](http://www.ethnopharmacology.in)

Society for Ethnopharmacology, India is a registered under the West Bengal Society Registration act and affiliated to the International Society for Ethnopharmacology. The society was formed in 2013 and has made its presence with different activities throughout the country, for development and promotion of medicinal plants and ethnopharmacology. The Society works on dissemination of knowledge in this area in different parts of India with the major highlights on *"Globalizing local knowledge and localizing global technologies."* For further details please visit: [www.ethnopharmacology.in](http://www.ethnopharmacology.in)

### Highlights of the event:

Eminent academicians, scientists, researchers, technologists, policy makers from universities, industries and other research organizations, traditional health practitioners, will share their experiences on the following topics:

- Promotion and development from medicinal plants-evidence based lead development
- Research trends and strategies on AMR
- Phytochemicals and medicinal plants for new antibiotics and alternatives to combat drug-resistant pathogens.
- Detection and control of emerging resistant microorganisms
- Novel drug targets/screening strategies
- Therapeutic alternatives in the management of AMR: One Health perspectives
- Bioprospecting of medicinal plants for wellness
- Traditional medicine as a source of novel antimicrobial agents
- Microbial secondary metabolites as anti-infectives
- Translation research approach for Promotion and development from medicinal plants
- Development and evaluation of Indian medicinal plants through Industry-Institute partnership.
- Regulatory Framework

### Targeted audience:

Scientists/ researchers, students, technologists from university, institutes and industries, healthcare professional, traditional healers and others who are interested in the field of AMR research can join this event. Professionals with experience in product development, policymakers can participate in this program. We welcome scientific presentations from the researchers from



industry and academia. Total number of participants in the seminar is limited & registration will be in first come first serve basis.

### Call for Abstract

We welcome scientific presentations from the young researchers in the area of AMR research. After completion of the registration process, the abstracts should be submitted by e-mail as attachment at ([amrconference2024@gmail.com](mailto:amrconference2024@gmail.com)) within March 20, 2024. The abstracts should be written by Microsoft word in ".doc" or ".docx" (250 words). No review paper will be entertained for presentation. All accepted abstracts will be published in the e-proceedings of the seminar.

### Registration fee:

Students/ Research Scholars	: Rs. 2000
Academia	: Rs. 3000
Industry	: Rs. 4000

### Important dates:

Starting date of Registration	: February 10, 2024
Last date of Registration	: March 20, 2024
Submission of abstracts	: March 20, 2024
Notifications of acceptance	: March 20, 2024

Total number of participants in the seminar is limited & registration will be in first come first serve basis. Registration fee is non-refundable and should be paid in DD / Cheque, drawn in favor of "Conference-SFE", payable at Kolkata, or bank transfer : A/C No: 1517010048116; Bank: Punjab National Bank, Branch: Jadavpur Vidyapith, Kolkata; IFSC Code: PUNB0151720; Registration form and Payment details should be sent to [sfeindiase@gmail.com](mailto:sfeindiase@gmail.com)// [amrconference2024@gmail.com](mailto:amrconference2024@gmail.com)

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### REGISTRATION FORM

Name: .....

Designation & Organization: .....

.....

Address for communication: .....

Mobile No: ..... E-mail: .....

Gender: Male  Female

Date of Birth: .....

Qualification: .....

Accommodation: Yes  No ; If yes, Check in: ..... Check out: .....

Food preference: Veg  Non-veg:

Date:

Place:

Signature of the applicant

*\*Total number of participants in this event is limited.*

*\*For accommodation, payment will be mode by the participant*

*\*Registration fee is non-refundable and should be paid in DD/cheque, drawn in favor of “Conference -SFE” payable at Kolkata or by bank transfer: A/C No.: 1517010048116; Bank: Punjab National Bank, Branch: Jadavpur Vidyapith, Kolkata, IFSC Code: PUNB0151720; Registration form and Payment details should be sent to [sfeindiase@gmail.com](mailto:sfeindiase@gmail.com)// [amrconference2024@gmail.com](mailto:amrconference2024@gmail.com)*

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