

**International Conference on  
Microbiome and Synthetic Biology  
(ICMSB 22)  
September 22-23<sup>rd</sup>, 2022**

**REGISTRATION FORM**

[Click Here To Open The link](#)

Name of the Participant: .....

Designation:.....

Sex: Male / Female

Address for communication:.....

.....

Email:.....

Mobile:.....

Members of SCSB: YES / NO

SCSB Membership No:.....

Whether presenting paper or not: YES / NO

Title of the Research paper:.....

.....

Name of the presenting author:.....

.....

Mode of Presentation: Oral /Poster

Details of Registration Fee:.....

Amount paid:.....

(a) Demand Draft/Money Transfer details:

Name of the Bank:.....

Branch:.....

Date of Transaction:.....

.....

Date:..... Place:.....

Signature

**Organizing Committee**

Patron **Prof. M. Selvam**  
Hon'ble Vice Chancellor,  
Bharathidasan University

President **Dr. L. Ganesan**  
Registrar i/c  
Bharathidasan University

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Head, Department of Microbiology

Organizing Secretary **Dr. D. Dhanasekaran**  
Associate Professor  
Department of Microbiology

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**Dr. R. Ramya**, Guest Faculty  
Dr.K.Sivasankari, Guest Faculty  
**Dr.A.Sugunya**, Guest Faculty  
Department of Microbiology  
**Society of Chemical and Synthetic  
Biology (SCSB)**  
**President:** Dr L. Karthik  
**Vice President:** Dr. Shivakumar Banakar  
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**Society of Chemical and Synthetic  
Biology**  
**email:** scsb2019@gmail.com

**Invitation and call for abstracts**

**International Conference on  
Microbiome and Synthetic Biology  
(ICMSB 22)**

**September 22-23<sup>rd</sup>, 2022**



**Organized by**



**Department of Microbiology  
School of Life Sciences  
Bharathidasan University  
Tiruchirappalli – 620024  
Tamil Nadu**

**Jointly organized with  
Society of Chemical and Synthetic Biology**

## **BHARATHIDASAN UNIVERSITY**

The Government of Tamil Nadu established the Bharathidasan University at Tiruchirappalli in February, 1982, was named after the great revolutionary Tamil Poet, Bharathidasan. The University aims at developing citizens with knowledge, skills, character contributing to societal transformation and National development in the consonance with our motto "WE WILL CREATE A BRAVE NEW WORLD" has been framed by Paventher Bhrathidasan .The University is one among those recognized by the UGC for receiving grants as per section 12b of UGC act. The University has grown with an excellent research base, offering PG and research programmes through 40 schools, departments and applied research centres. As of now, the University has 104 Arts and Science Colleges, 13 Approved Institutions, Eighteen of the affiliated colleges are autonomous. The programmes offered through affiliated colleges are so diversified that they number more than 250 having over 1.50 lakh students.

## **DEPARTMENT OF MICROBIOLOGY**

The Department of Microbiology emerged from the parent Department of plant Sciences during 1992 and offering post graduate and research programmes since 1955. The Department has been equipped with basic to advanced instrumentation facilities from the University as well as support from UGC NON-SAP and

DST-FIST for successfully running the M.Sc. and Ph.D., programmes. They have received project grants of around Rs. 12 crores from various government funding agencies such as CSIR, DBT, DST, ICMR, IFS, INSA, MoEF, MoES, UGC, etc. With respect to service the faculty members have been exemplary recorded for participation in national and international organization, editing professional journals and reviewing grant proposals from regional and national organizations.

## **Society of Chemical and Synthetic Biology (SCSB)**

SCSB – A non-profit organization, established the First Synthetic Biology Association in India named as Society of Chemical and Synthetic biology (SCSB) in the year 2019. The SCSB is an officially registered Indian based society with a clear aim to establish a strong disbursement and establishment of familiarity and access to resources on Synthetic and Chemical Biology to its members. SCSB acts as a platform in connecting young synthetic biology aspirants with other peer researchers and industry partners all over the world through annual workshops and conferences.

## **ABOUT THE CONFERENCE**

International Conference on Microbiome and Synthetic Biology (ICMSB 22) with the objective of bringing all the researchers under one umbrella to discuss the challenges and the possible solutions in the field under the above title of Microbiome and Synthetic Biology for the betterment of mankind.

This conference is the sequel to the last three year's meeting, the first of its kind in the Indian milieu. The conference theme will focus on the frontier areas of

- **Microbiome diversity and Microbiome engineering**
- **Microbiome community and host interaction with human, animals, insects, plants and environment**
- **Metagenomics and synthetic metagenomic analysis**
- **Holobiont and hologenome concept in ecologically diverse organisms from ecosystems**
- **Synthetic Biology, Genome mining and Genome editing**
- **Genome-scale measurements of transcription and metabolomics**
- **Protein engineering including computational methods to aid the design of genetic systems**
- **Metabolic engineering and cellular manufacturing**
- **Natural product access, engineering, and production**
- **Bioinformatics applied to gene discovery, chemoinformatics, and pathway construction**

**All correspondence to  
Dr. D. DHANASEKARAN  
Organizing Secretary, Department of  
Microbiology, Bharathidasan University,  
Tiruchirappalli- 620 024, Tamil Nadu,  
Email: icmsb22@gmail.com  
Mob: +91 9486258693  
Dr L. Karthik, President, Society of  
Chemical and Synthetic Biology,  
email: scsb2019@gmail.com  
Mob: +91-9952545640**

## Abstract Submission

Abstracts in different theme areas will be selected for oral/rapid fire (poster) presentation in each session. Maximum 10 minutes will be allotted to the oral presenters. There will be awards for best oral/poster presentations

**Author's guidelines:** Authors intending to participate in the conference are requested to submit abstract online as attachment at [icmsb22@gmail.com](mailto:icmsb22@gmail.com) in MS Word typed in single space and maximum of 300 words. The title (14 points/ Times New Roman) should be followed by name of Author/Authors with the name of the person presenting underlined and their affiliation (12 points). Abstracts will be screened before acceptance.

**Abstract submission deadline: August 30, 2022, 12 p.m.**

### How to Format Your Poster:

Size: Posters should be 8' (L) x 4' (H)  
Provide title authors affiliations and abstract with the following headings (which should be in 40 pt font) Introduction, Methods, Results, Conclusions, References

### Award session

**SCSB - Dr. APJ Abdul Kalam Young Scientist Award**  
**SCSB - - Life Time Achievement Award**  
**SCSB - - Velu Nachiyar Women Award**  
**SCSB - - Agathiyar Chemical Biology Award**  
**Best Oral/Poster Presentation Award**

## Registration

Registration Fee (Non refundable):  
Scientists/Faculty (SCSB members) Rs. 1200;  
Non members: Rs. 1500,

Research Scholars and Students (SCSB members) : 800

Non members Rs. 1000/-

### Post-conference workshop :

SCSB members-Rs.3500

Non members: Rs. 4000

Late Fee of Rs. 100 in each category after 30.08.2022. Registration fee should be sent on or before 30.08.2022.

Cheques will not be accepted. For online payment of registration fee following bank details may be used

Name of the Account: : **Professor & Head, Department of Microbiology**

A/c No. 10375402802

IFSCode: SBIN0007014

or

Through DD taken in favor of – **Professor & Head, Department of Microbiology payable at BDU.**

The registration fee includes workshop materials, working lunch and refreshments.

No refund of money under any circumstances. For travel and accommodation, participants are requested to arrange on their own resources

## List of Speakers

Dr. Rodrigo Ledesma Amaro, Department of Bioengineering, Imperial College, London

Dr. Diana R. Cundell, Professor of Biology, Philadelphia University, Philadelphia, USA

Dr. Subhasish Saha, The Novo Nordisk Foundation Center for Biosustainability, Lyngby, Denmark

Dr. Kumar Saurav, Mikrobiologický, Centrum ALGATECH, Novohradská, Třeboň, Czech Republic

Dr. V. Naveen Kumar, ImmuGenix Biosciences Pvt Ltd, Chennai, Tamil Nadu, India.

Dr. Sangram Bagh, Division of Biophysics and Structural Genomics, Saha Institute of Nuclear Physics, Kolkata, India

Dr. Vijai Singh, Department of Biosciences, Indrashil University, Rajpur, Mehsana, Gujarat, India

Dr. Murali Panchapagesa Muthuswam, Jananom Private Limited, Coimbatore, India

Dr.L. Karthik, Salem Microbes Private Limited, Salem, Tamil Nadu, India

Dr. N. Amaresan, C. G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Gujarat

### Post conference workshop on CRISPR : (September 24, 2022)

- gRNA design,
- In vitro transcription assay,
- in vitro CRISPR cleavage assay (both Cas9 and Cas12a)