



## Center for Materials Engineering and Regenerative Medicine

### Bharath Institute of Science and Technology

BIST- BIHER. Selaiyur. Chennai. Tamilnadu. India

Organizing

IVCNNAM 2022

- International Expert Lectures
- Oral and Poster presentations
- Awards for best presentations

Participation certificates to all registrants. Last date for registration and submission of abstract 31<sup>st</sup> December 2021

## International Virtual Conference On Nanomaterials, Nanotechnology and Advanced Medicine

Date: 5<sup>th</sup> & 6<sup>th</sup> January 2022

### International Expert Speakers

#### Speaker 1: Dr. Selvaraj Natarajan

Director; Translational Medicine. Mitobridge/Astellas Inc., Boston, USA.

**Topic:** “Bench to Bedside: Translating Reproductive Research to Therapeutics in Women’s Health”

#### Speaker 2: Dr. S. Suresh Kumar.

Pro Vice-chancellor -grants and publications, Bharath Institute of Science and Technology (BIST). BIHER.Selaiyur.Chennai. India.

**Topic:** “Advances in Stem Cell Therapies”

#### Speaker 3: Dr. Subree Subramaniam

Associate Professor, Department of Surgery. University of Minnesota, Minneapolis. USA

**Topic:** “Novel Therapies for Treating Colorectal Cancer”

#### Speaker 4: Dr. Appu Rathnavel

Professor and Executive Director; Nova South-eastern University, Fort Lauderdale, Florida, USA

**Topic:** “Advances in Cancer Genomics”

#### Speaker 5: Dr. Karl E. Milette

Associate Professor, Delaware State University. Dover Delaware. USA.

**Topic:** “The CD44 receptor: from tumor biomarker to signal transduction molecule”

#### Speaker 6: Dr. Jayagopal Gopalkrishnan

Institute of Human Genetics, Universitätsstr 1. Düsseldorf, Germany.

**Topic:** “Human brain organoids to dissect human specific mechanisms and disorders”

#### Speaker 7: Dr. Murali K. Temburni;

Associate Professor. Delaware State University, Dover, Delaware, USA

**Topic** “Astrocytes, The Conductors of Neuronal Symphony”

#### Speaker 8: Dr. K. Thangaraj

Director, Centre for DNA fingerprinting and Diagnostics, Hyderabad. India

**Topic:** “Population Based Genomic Diversity in Genetic disorders”

### About BIHER

Bharath Institute of Higher Education and Research (BIHER), Chennai, is a Self-Financing, Deemed-to-be University recognized by MHRD in July 2002, under section 3 of the UGC Act 1956, comprising seven institutions including Bharath Institute of Science and Technology, started in Tamil Nadu in 1984 by Sri Lakshmi Ammal Educational Trust, established by the academic visionary, our Honourable Chairman, Dr. S. Jagathrakshakan. It is a multidisciplinary university, offering UG, PG, PhD and Post-Doctoral Research Programs in Engineering, Medical and Health Science, Science and Humanities, and Law and administering Colleges of Engineering and Technology, Medical, Dental, Nursing, Pharmacy, Arts & Science and Law through by our Honourable President, Dr. J. Sundeep Aanand. The BIHER provides higher education to the aspiring students for Bachelor, Master and PhD programs, and undertakes several researches in cutting-edge fields and other related services to the students/candidates and is one of top-ranked institutes of India and the Hospital is a non-profit teaching and research hospital.

### About CMERM, BIST. BIHER.

The Interdisciplinary Centre for Materials Engineering and Regenerative Medicine (CMERM), BIHER Chennai was established to capitalize on pioneering work in the use of novel biomaterials, stem cells to serve as a niche for research and development. The CMERM, with a well-established facility of 5600 sq.ft is emerging as a global leader to make a difference in regenerative medicine through collaborations with over 100 institutions worldwide with academic and industry partnerships and start-up entities. The main goal of CMERM is to create significant initiatives in breakthrough technologies, such as tissue engineering, cell therapies, diagnostics, drug discovery, bio-manufacturing, nanotechnology, gene editing and 3D printing to contribute to the advancements of global medical technology.

### About the International Conference

The international conference organised by BIHER, Chennai will bring together diverse groups of academicians, researchers and students to explore and address emerging research on Bioscience and Engineering. The event will also provide national and international collaboration and networking opportunities among universities and institutions in India and abroad to promote research and technological development.

### Conference research areas:

Nanotechnology, Biomolecules, Biomedicine  
Bioinformatics, Regenerative medicine, Genomics  
New drug discovery and Proteomics

### Who can participate?

Research Scholars/Students/Scientists/Professors from Engineering or Science backgrounds working in R & D Institutes/Universities/Colleges working in the themes mentioned above can participate.

### Submission of Abstract:

Participants are requested to click the link to register: (<https://docs.google.com/forms/d/1XAmN8jpkDL3HNkzIXYAp3igqvNhqCxVHM1VZGFO-58/edit?usp=%20sharing>). For further details, please email to [biherivcrabm2022@gmail.com](mailto:biherivcrabm2022@gmail.com)

**Last date for submission is on or before 31<sup>st</sup> December 2021.**

Abstracts will be reviewed by the scientific committee and assigned for oral/poster presentation. (Maximum length: 250 words; 3- 4 keywords; Times New Roman, 12 font size.) Meritorious abstracts /papers will be published in the International Conference Proceeding with ISBN number as well as in journals indexed in Scopus/web of science.

### Registration fee: Rs.200/-

Bank details for registration:

Account Number: 4557000100017514

IFSC CODE: PUNB0455700

SWIFT CODE: PUNBINBBCLC BRANCH CODE:

455700 Bank, Punjab National Bank. BIHER, Agaram Road, Selaivur, Chennai

**Convenor :** Dr. P.B. Ramesh Babu.

**Organizers:** Dr.S.Suresh Kumar (co-convenor)

Dr. E.Kanniga, Professor

Dr. P. Velmurugan, Professor

Dr. V. Mohanavel, Associate Professor

Dr. R. Vasudevan, Professor

Dr. J. Narenkumar, Associate Professor

Dr. Rajesh Pandiyan, Associate Professor

Dr. Remya R.R

Dr. Angeline Julius

**For details, contact:** [biherivcrabm2022@gmail.com](mailto:biherivcrabm2022@gmail.com)

**The Organizing Committee:**  
**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY, BIHER, Chennai, India.**

### Chief Patrons:

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**Dr. J. Sundeep Aanand**  
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