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Dr. V. Balachandar, Asst. Professor
Dr. P. Kamalakkannan, Guest Lecturer

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Dr. Anju T. R., Secretary, SBTI
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NATIONAL VIRTUAL CONFERENCE ON RECENT BREAKTHROUGHS IN BIOTECHNOLOGY (NCRBB-2021)

&

Annual Meet of Society for Biotechnologists (India)

(Interdisciplinary Approach on Health and Disease, Environment, Food and Dietary, Material sciences)

22-23, JANUARY 2021

Organized by
DEPARTMENT OF HUMAN GENETICS AND MOLECULAR BIOLOGY
BHARATHIAR UNIVERSITY, COIMBATORE – 46, INDIA
In association with

SOCIETY FOR BIOTECHNOLOGISTS (INDIA)

ABOUT BHARATHIAR UNIVERSITY

The Bharathiar University was established at Coimbatore by the Government of Tamilnadu in February, 1982 under the provision of the Bharathiar University Act, 1981 (Act 1 of 1982). The postgraduate Centre of the University of Madras, which was functioning in Coimbatore before 1982 formed the core of the Bharathiar University. In May, 1985 the University received the recognition from University Grants Commission (UGC) New Delhi for the purpose of grants. The University named after the great national poet Subramania Bharathi enshrined with the motto "Educate to Elevate". In the University, every effort is harnessed to realize his dream of making educational institution as temple of learning. It is the aim of the University to participate in the task of inculcating necessary Knowledge, Skills and Creative Attitudes and values among the youth of the country to contribute more effectively towards establishing an equitable social and economic and secular ideal of our nation. The University also has affiliated colleges for professional courses. The university opted for an evaluation by the National Assessment and Accreditation Council (NAAC) of the University Grants Commission. The apex council NAAC awarded "A" grade and also the University was ranked as 13th position by the National Institutional Ranking Framework (NIRF) of the Ministry of Human Resource Development (MHRD) in the year 2020.

DEPARTMENT OF HUMAN GENETICS AND MOLECULAR BIOLOGY

The Department of Human Genetics and Molecular Biology was established during the academic year 2014 as a component of School of Life Science. This was the first department named as "Human Genetics and Molecular Biology" in South India doing research's in Human Molecular Genetics, Nanobiology, Medical Entomology, Cancer Genetics, Neurogenetics and Stem Cell Technology. Currently, we are establishing the human induced pluripotent stem cell (hiPSC) laboratory and a therapeutic approach like drug-based therapy for patients specific. The department is offering M.Sc., M.Phil. and Ph.D. course's. Since initated of this department it's been actively engaged in research, teaching and extension activities. The faculty members are well equipped to guide Ph.D and M.Phil research scholar along with M.Sc. students. Faculty members of this department have visited foreign countries to attend conference and courses

SOCIETY FOR BIOTECHNOLOGIST OF INDIA (SBTI)

SBTI was established in 1995 with its headquarters in the Department of Biotechnology, Cochin University of Science and Technology, Cochin. The society is dedicated to the advancement of biotechnology specially to unite scientists, students, academicians, doctors, industrialists and professionals. The society promotes the exchange of scientific information through workshops, conferences and publications in the emerging areas of biotechnology. The society has 18 honorary members, more than 2000 life and ordinary members from various fields of Biotechnology. SBTI recognize a distinguished senior scientist in the country by presentingPadmabhushan Professor M V Pylee Life Time Achievement Award and senior scientist in the field of Neurobiology by presenting Dr. C S Paulose Memorial Oration award each year during the Annual Meeting. In addition, Six awards were instituted for Young researchers in various themes.

ABOUT THE CONFERENCE

Society for Biotechnologists (India) is an association of eminent Biotechnologists, Students, Academicians, Doctors, Industrialists and Professionals working in relation with Biotechnology. The Society is dedicated to the advancement of Biotechnology especially to unite scientists, students, academicians, doctors, industrialists and professionals serving to be a link between various specialized fields of theoretical and applied Biotechnology and promote the exchange of scientific information through workshops, conferences and publications in emerging areas of biotechnology. Over the years the society has conducted many conferences / seminars / workshops and symposiums indulged in the field of Biotechnology and in this year the Department of Human Genetics and Molecular Biology at Bharathiar University has put forth prominent efforts for joining hands with SBTI to conduct the Annual meet and national conference on the emerging and relevant areas of research in Biotechnology / life science. In the present scenario, the advancements in biotechnology offered various life saving and health improving molecules, devices and component. This virtual conference on recent breakthroughs will highlight the novel discoveries, breakthroughs and the new dimensions in research done all over India and World.

SBTI AWARDS FOR YOUNG RESEARCHERS: (Oral presentation Awards)

(Those who are presenting under this category should be a member of the SBTI for further details contact societyforbiotechnologists@gmail.com)

- **KAPL Award** for best oral presentation in *Industrial Biotechnology*.
- **IBS Award** for best oral presentation in *Medical Biotechnology / application of software technologies in medicine*
- **Shri. C V Jacob Award** for best original paper presentation (oral) in *Plant Biotechnology / spices*
- **Shri. K.N. Narasimhiah Award** for best original paper presentation (oral) in *cancer biology*
- **Kunnath Pharmaceuticals Award** for best original paper presentation (oral) in *Herbal medicine and disease management*
- **Prof. Edathil Vijayan Award** for best original paper presentation (oral) in *Neuroscience / Neuroendocrinology.*

Who should attend?

The programme has been designed to impart new insights about important areas in Life Sciences i.e., break throughs in biotechnology which would be of interest to a wide section of eminent scientist, young researchers, academicians and industry. Personnel from both academia and industry which include research scholars, Post Graduate, doctoral and post-doctoral students and eminent scientists within interest in the theme of the conference are welcome to participate.

Call for paper

We encourage students, teachers, researchers of University, Colleges, Research Institutes, engineering and bio-industrialists, Scientists, environmentalists to submit abstract, not exceeding 250 words, by email to *ncrbb2021@gmail.com* for the consideration of Oral presentation on or before 18.01.2021. All the abstracts will be reviewed and only short listed, based on the merit, research paper will be called for presentation. All oral presentations will be assessed by the Session Chair and Co-Chair. The oral presentations for SBTI awards will be conducted on specified themes and authors should specify the award category for which the abstract is submitted. The abstracts will be released as e- proceedings of the conference.

Themes:

- *Industrial Biotechnology.*
- *Medical Biotechnology / application of software technologies in medicine*
- *Plant Biotechnology / spices*
- *Cancer biology*
- *Herbal medicine and disease management*
- *Neuroscience / Neuroendocrinology.*

There is **NO registration fee** for the conference