



**Department of
Biotechnology & Bioinformatics**
Bishop Heber College (Autonomous)
Tiruchirappalli -17



Cordially invites you to the

**International Conference on
Prospects of Biosciences in
Transdisciplinary Research – 2020
(PBTR' 2020)**

On 21st & 22nd January, 2020

*Venue : Multipurpose Auditorium,
Bishop Heber College, Tiruchirappalli -17*

Dr. KELATH MURALI MANOJ

Founder & Director
The Science & Ethics Foundation, Kerala

will inaugurate the conference

Dr. D. PAUL DHAYABARAN

Principal
Bishop Heber College (Autonomous), Tiruchirappalli -17

will preside over the inauguration

Organizing Secretary
Dr. V. Violet Dhayabaran

Conveners
Dr. S. Sriram
Dr. D. Raja Sudhakar

Day 1: 21st January 2020**Venue : Multipurpose Auditorium**

- 08.30 am – 09.30 am : Registration
- 09.30 am – 10.30 am : Inaugural Function
- 10.30 am – 10.45 am : Tea Break
- 10.45 am – 11.30 am : Keynote Address
"Why do we use oxygen? How does cyanide kill so quickly?"
Dr. KELATH MURALI MANOJ
Founder & Director, The Science & Ethics Foundation, Kerala.
- 11.30 pm – 12.15 pm : Invited Talk – I : **Redox Biology**
Dr. GOBINATH SHANMUGAM
Dept. of Pathology, The University of Alabama, USA
- 12.15 pm – 01.00 pm : Paper Presentation: Session – I
- 01.00 pm – 02.00 pm : Lunch Break
- 02.00 pm – 02.45 pm : Invited Talk – II : **Nutraceuticals**
Dr. KUMAR RAJENDRAN
Dept. of Animal Health and Management, Alagappa University, Karaikudi
- 02.45 pm – 03.30 pm : Poster Evaluation
- 03.30 pm – 04.30 pm : Paper Presentations : Session - II
- 04.30 pm – 05.15 pm : Invited Talk-III : **DNA Methylation an epigenetic approach in IBD Research**
Dr. SURESH VENKATESWARAN
Dept. of Pediatrics, Emory University, Atlanta, Georgia.
- 05.15 pm : Tea Break

Day 2: 22nd January 2020**Venue : Multipurpose Auditorium**

- 09.30 am – 10.15 am : Invited Talk – IV : **Metal Proteins in Invertebrates Immunity**
Dr. J. SIVAKAMAVALLI
Department of Fisheries Science, Chonnam University, South Korea
- 10.15 am – 11.00 am : Invited Talk - V : **Microalgae Biofuel**
Dr. R. VELMURUGAN
Dept. of Biochemistry, Chulalongkorn University, Thailand
- 11.00 am – 11.15 am : Tea Break
- 11.15 am – 12.00 pm : Invited Talk - VI : **Next Generation Sequencing**
Dr. M. MUTHAMILARASAN
ICAR - National Center for Plant Biotechnology, New Delhi, India
- 12.00 pm – 12.45 pm : Invited Talk VII : **Role of ADME, P450 and Toxicity in the Drug Candidate Selection**
Dr. GIRINATH G. PILLAI
Founder, Zastra Innovations, Bengaluru.
- 12.45 pm – 01.45 pm : Lunch
- 01.45 pm – 02.30 pm : Invited Talk - VIII : **Application of Nanomaterials in Agriculture**
Dr. SURESH KUMAR
Department of Chemistry, Arba Minch University, Ethiopia
- 02.30 pm – 03.30 pm : Cultural Programme
- 03.30 pm – 04.30 pm : Valedictory Function