

Patrons

Prof. Edathil Vijayan, President, SBTI

Prof. K. P Joy, Vice President, SBTI

Dr. Thomson Joseph, Principal, Newman College, Thodupuzha

Programme Coordinators

Dr. Anju T R, Dept. of Biotechnology, Newman college, Thodupuzha & Secretary, SBTI

Dr. Balarama Kaimal, Professor, Saveetha Medical College and Hospital, Chennai

Organising Committee Members

Dr. K. G. Raghu, Senior Scientist, CSIR- NIIIST, Thiruvananthapuram

Dr. Jackson James, Scientist-F, Rajiv Gandhi Centre for Biotechnology

Dr. Najil George, Dept. of Biotechnology, St. Joseph's College, Irinjalakuda

Dr. Mohanan Valiyaveetil, Dept. of Biotechnology, CUSAT, Kochi

Dr. Saju Abraham, HOD, Dept. of Botany, Newman College, Thodupuzha

Ms. Jaiby Cyriac, Asst. Professor, Dept. of Botany, Newman College, Thodupuzha

Dr. Stephen Joseph, Professor, Dept. of Botany, Newman College, Thodupuzha

Ms. Parvathy S, Faculty, Dept. of Biotechnology, Newman college, Thodupuzha

Dr. Maria Theresa, Faculty, Dept. of Botany, Newman College, Thodupuzha

Registration details

No Registration Fee.

Registration Link: <https://rb.gy/6wvzdu>

Platform: Google Meet and You tube live streaming

Meeting link will be mailed to the registered mail id

E- certificate to all participants who attend the webinar and submit the feedback form.

Queries: anju.tr@newmancollege.ac.in or +91 9446002071



'PROFESSOR C. S. PAULOSE MEMORIAL COLLOQUIUM PROGRAMME 2020'

INTERNATIONAL WEBINAR SERIES

Theme I: **CANCER BIOLOGY**

Topic:

NUCLEAR FACTOR KAPPA-B (NFκB) ASSOCIATION WITH STAT-3 AND AKT IN PROSTATE CANCER METASTASIS: A BIRD'S EYE VIEW

Resource Person: **Dr. ESWAR SHANKAR P. N.**

Research Scientist, Department of Urology, CWRU SOM, Cleveland, OH, USA



Organised by

**Department of Botany & Biotechnology
Newman College, Thodupuzha, Kerala, India
&**

CSP Alumni

In association with

Society for Biotechnologists (India)

&

Research Cell, Saveetha Medical College and Hospital, Chennai

September 19, 2020 Time: 16:30 to 17:30 hrs (IST)

Prof. Dr. C. S Paulose (1953-2016)

Prof. C. S. Paulose pursued his graduate studies and doctoral degree from Banaras Hindu University, India. He worked as a post doctoral fellow at Oakland University USA, McMaster University, Canada and University of Manitoba, Canada in the field of molecular neurobiology. In the year 1988, Dr. Paulose joined Cochin University of Science and Technology (CUSAT), Cochin as a faculty of Biotechnology dept and became the founder Director of Centre for Neuroscience at CUSAT. His contributions in Neuroscience was recognised by conferring Fellowships of the National Academy of Medical Sciences (India), International Medical Sciences Academy and Geriatric Society of India and Oration Awards by National Academy of Medical Sciences and All India Institute of Medical Sciences, New Delhi. Prof. Paulose served Society for Biotechnologists (India) for more than two decades in various capacities and in memory of his contributions; the society instituted Dr. C. S Paulose Memorial Oration Award in the year 2017.

Society for Biotechnologists (India):

The Society for Biotechnologists (India) or SBTI was established in 1995 with its headquarters at Cochin University of Science and Technology, Kochi. The Society promotes the exchange of scientific information through workshops, conferences and publications in emerging areas of biotechnology and science. The Society has 18 honorary members and more than 2000 life and ordinary members from various fields of science and technology.

About the topic:

The invited lecture will emphasise the impact of 'High Fat Diet', a common life style modification of these days, on metastasis of prostate cancer via NFkB - Stat-3 association and will highlight how system biology approach can be used to identify the transcription factors' association (NFkB and Akt) involved in the metastasis. The lecture with data from in vitro, in vivo and in silico experiments will not only address few key regulatory mechanisms in prostate cancer metastasis but will also help students and research scholars to understand how a research problem can be approached scientifically to attain tangible outcomes. The talk is intended to ignite the scientific temper of students and to familiarise cutting edge research approaches to researchers.

About the invited speaker:

Dr. Eswar Shankar, Research Scientist in Case Western Reserve University (CWRU), USA is currently working on molecular aspects of cancer progression and drug resistance in prostate cancer. For the 10 plus years, his research has mainly focused on prostate and breast cancers elucidating the signaling of oncogenic proteins. His doctoral research in neuroscience under the mentorship of Dr. C. S. Paulose at CUSAT established the dopaminergic receptor modulation of glucose induced insulin secretion in diabetes. His significant contribution to cancer research is evident from his research publications in esteemed international journals like JBC, Cancer Research, Prostate etc. Recently, Department of Defense, USA awarded a major research grant to Dr. Eswar Shankar to develop combination treatment targeting triple-negative breast cancer.

