

DEPARTMENT OF PHARMACOLOGY & THERAPEUTICS SREE BALAJI DENTAL COLLEGE & HOSPITAL CHENNAI



(BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH)

## **DENTOPHARM-22**

INTERNATIONAL WEBINAR SERIES on "Novel Therapeutic Targets in Cancer Treatment"

## SPEAKER

## DR. MURUGA BASKAR BALAN

Scientist, Boston Children's Hospital / Harvard Medical School. Immuno-oncology | Tumor Immunology. Waltham, Massachusetts, United States

E-CERTIFICATE FOR PARTICIPATION WILL BE SENT BY E-MAIL



Dr. J. Sri Nisha Chairperson Dr. S. Bhuminathan Registrar Dr. S Jimson Principal Dr. Sumathi Jones Organizing Chairperson



Dr. Murugabaskar completed his Bachelor of Technology from Center for Bio-technology at Anna University Chennai in 2003. In 2010, he has received his PhD in Biochemistry and Molecular biology from the New Jersey Medical school, USA. He worked on studying the role of Interferons in fighting virus infectionand utilizing Interferon for cancer treatment.

After PhD, in 2012, he joined Boston Childrens Hospital, part of Harvard Medical school, for post-doctoral studies. He is now a staff scientist at Boston Childrens Hospital and also an Instructor at Harvard Medical school.

His research works are focused on identifying novel therapeutic targets in the treatment for cancer. From his research studies, Dr. Murugabaskar has demonstrated for the first time how a cancer cell receptor (c-Met) increases the expressions of an immune system suppressive molecule (PD-L1). This research discovered a new mechanism through which cancer cells can evade our body's own natural immune system and start to grow. He has authored more than twenty peer reviewed high impact research articles and published in internationally reputed journals. He has received two US government funding for his research. He has been a reviewer for three international cancer science journals. He has served as a member of PhD research thesis committee and has been guiding and training post-doctoral research students and medical student research volunteers in his research group.

## **ORGANISING COMMITTEE**

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