



# Emerging Trends in Cancer Research e-Conference

Jointly organized by

Symbiosis Centre For Research And Innovation (SCRI)

Symbiosis University Hospital And Research Centre (SUHRC)

Symbiosis School Of Biological Sciences (SSBS)

11<sup>TH</sup> MARCH 2023

Sponsored by



L'INSTITUT SHASTRI INDO-CANADIAN  
INSTITUT INDO-CANADIEN INSTITUTE

**SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)**

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### **ABOUT THE e-CONFERENCE**

Cancer remains a major disease of concern, as per WHO, killing almost 10 million people in 2020. It is a heterogeneous disease and is regulated by various genes and signalling mechanisms. Various approaches such as genomics, proteomics, metabolomics, systems biology have tried to unravel a plethora of signalling molecules responsible for driving cancer progression. Such emerging trends have led to development of a multi-tongued approach to either prevent or treat cancer. To understand the drivers of this whole mutational process at an early stage can help in targeting cancer. Although huge amounts of details have been added to the field, attempts to join the dots to make an insightful picture are yet inadequate.

### **WHO CAN ATTEND ?**

Students, Clinicians, Researchers, Educationists, Professionals, Industrialists, ETC.

# SCIENTIFIC PROGRAM

11<sup>TH</sup> March 2023

Indian Standard Time (IST)	Eastern Standard Time (EST)	Title	Speaker
9.00- 9.15 am	9.30- 9.45 pm	<b>Inauguration</b> (Dr. Rajiv Yeravdekar, Dr. Ruchika Kaul-Ghanekar, Dr. Sangram Jadhav, Dr. Satyajeet Khare, Dr. Prachi Kaul)	
9.15- 9.30 am	9.45 – 10.00 pm	Elucidating PPAR $\gamma$ target genes in energy metabolism	<b>Dr Meena Sakharkar</b> Prof., Drug Discovery and Development Research Group, College of Pharmacy and Nutrition, University of Saskatchewan
9.35 - 9.50 am	10.05-10.20 pm	Integrative medicine and cancer therapeutics	<b>Dr. Jian Yang</b> Professor, Health Sciences, College of Pharmacy and Nutrition, University of Saskatchewan
9.55 – 10.10 am	10.25 -10. 40 pm	DDX41 helicase in innate immunity, genome instability, and myeloid malignancies	<b>Dr.Yuliang Wu</b> Associate Professor Biochemistry, Microbiology & Immunology, College of Medicine, University of Saskatchewan
10.15 - 10. 30 am	10.45 -11.00 pm	Imaging Epidermal growth factor Receptor in vivo	<b>Dr. Humphrey Fonge</b> Assistant Professor, Medical Imaging, College of Medicine, University of Saskatchewan
10.35 -10.50 am	11.05-11.20 pm (for Saskatchewan)  9.05 pm-9.20 pm (for Vancouver)	Hyperinsulinemia promotes initiation of pancreatic cancer	<b>Dr. Janel Kopp</b> Assistant Professor, at The University of British Columbia Vancouver, British Columbia, Canada
10.55 -11.10 am	11.25-11.40 pm	Why evolutionary insights are crucial to understand cancer?	<b>Dr. Milind Watve</b> Eminent Scientist, Deenanath Mangeshkar Hospital and Research Centre, Pune
11.15 -11.30 am	11.45-12.00 pm	Relevance of Metabolic Status in Cancer and Chemotherapy	<b>Dr. Manoj Kumar Bhat</b> DBT Distinguished Scientist, National Centre for Cell Science, Pune, India
11. 35 - 11.50 am	12.05-12.20 am	Exploring the chemical biology of drug-seeds with a special emphasis on anti-cancer therapy	<b>Dr. Bassappa</b> Chairman Department of Studies in Organic Chemistry, University of Mysore, Manasagangothri, Mysore
11.50 am -12.00 pm	12.20 am -12.30 am	<b>Concluding Remarks</b>	



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## **SHASTRI INDO-CANADIAN INSTITUTE (SICI)**

The Shastri Indo-Canadian Institute is a bi-national organization that promotes understanding between India and Canada through academic activities and exchanges. Golden Jubilee Conference and Lecture Series Grant (GJCLSG) Adjudication Committee of Shastri Institute. Started in 2018, these grants are a part of SICI's golden jubilee programme series which aims to encourage its members to build-up bi-national component in collaboration with other institutions. This programme is supported by funds from the Ministry of Education (MoE), Government of India.

## **SYMBIOSIS CENTRE FOR RESEARCH AND INNOVATION (SCRI)**

Symbiosis Centre for Research and Innovation (SCRI), established in 2009, is the dedicated department of SIU for promoting and facilitating research among students and faculty. Through its academic and administrative services, SCRI enables researchers to achieve excellence in their work, and eventually, translates SIU's vision of creation of knowledge for the benefit of the Society into reality. SCRI administers the doctoral programme at SIU in addition to various support-services related to Research Projects, Publications, Conferences, Collaboration, Research Centres, Intellectual Property and Ethical conduct in research.

## **SYMBIOSIS UNIVERSITY HOSPITAL AND RESEARCH CENTRE (SUHRC)**

Symbiosis has been synonymous with quality education for over 50 years. Drawing strength from this trust, 'Symbiosis University Hospital and Research Centre' (SUHRC) was conceived to redefine healthcare in Pune by establishing a new state-of-the-art tertiary care hospital. Our purpose is to provide modern & professional healthcare to the Rural & Urban community equitably. SUHRC started operations in mid-2019, and boasts a strong team of distinguished healthcare practitioners, qualified nursing and paramedical staff. The Medical team of the hospital comprises doctors who are among the best, all trained in leading hospitals in India and abroad. The hospital has the latest, state-of-the-art technology to assist the doctors. The hospital's focus is on research and it has collaborated with the existing research centres of the University.

## **SYMBIOSIS SCHOOL OF BIOLOGICAL SCIENCES (SSBS)**

SSBS was established by Symbiosis International (Deemed University) in 2011 under the Faculty of Health Sciences to address the need for a school devoted towards training, research and development in the field of biological sciences and forming an interface with the healthcare sector and industry. The School offers Masters and Ph.D. programs in Biotechnology. Focused research areas are stem cell biology & regenerative medicine, biomarker discovery in complex disease diagnosis, vaccine development, metabolic Engineering, host-pathogen Interactions, bacterial quorum sensing and, bioprocess engineering. In diabetes and metabolic diseases, our current focus is on glycation modifications in diabetes and complications; CVD risk and ageing associated with Type 2 Diabetes mellitus.