DukeNUS Medical School | Cancer & Stem Cell Biology

SingHealth DukeNUS Academic Medical Centre
National Cancer Research Institute Singapore

NCRIS Hybrid Seminar Series

NO target for cancer stem cells and inflammation

Date: 11th Aug 2022 (Thursday)
Time: 12noon – 1pm (SGT)
Venue: Duke-NUS Amphitheatre , Level 2

Format : *via* **Zoom & in-person**
https://nus-sg.zoom.us/j/87249583945?pwd=EDNGoPMQCYieNEKM3OG1G9L13wLdz0.1
Meeting ID: 872 4958 3945
Passcode: 246520

Abstract:

Developing novel therapies that target cancer metastasis, chemoresistant cancer stem cells, and augment the efficacy of systemic chemo/radiotherapies is crucial to reducing cancer-associated mortality. A molecule within the tumor microenvironment that has gained interest as a promising therapeutic target is nitric oxide synthase (NOS). This review discusses the current knowledge of nitric oxide's role in tumor progression and cancer metastasis and promising preclinical studies that evaluated NOS inhibitors as an anti-cancer therapy. Lastly, a perspective on utilizing NOS inhibitors in the clinical setting and highlighting the prospects and outstanding challenges will be discussed.

Speaker:



Jenny CHANG

Emily Herrmann Presidential Distinguished Chair in Cancer Research &
Director, Dr. Mary and Ron Neal Cancer Center
Professor of Medicine in Oncology, Academic Institute
Full Member, Research Institute

Dr. Jenny C. Chang is the Emily Herrmann Chair in Cancer Research, Director of the Cancer Center at Houston Methodist Hospital in Houston, Texas, and Professor at Weill Cornell Medical School. She obtained her medical degree at Cambridge University and completed fellowship training in medical oncology at the Royal Marsden Hospital/Institute for Cancer Research in the United Kingdom. She was awarded a research doctorate from the University of London. She is a world-renown clinical investigator, credited as one of the first to describe intrinsic chemoresistance of CSCs.

Host:

Sin Tiong ONG
Associate Professor
Programme in Cancer & Stem Cell Biology
Duke-NUS Medical School Singapore

No registration is required.
All are welcome.

Any enquiries, please contact:
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