CSCB Virtual Seminar Series

Exosomes in cancer progression and therapy.

Date: 5th April 2021 (Monday)
Time: 12noon-1pm (SGT)

Venue: *via* **Zoom**
https://nus-sg.zoom.us/j/85269465129

Meeting ID: 852 6946 5129
Password: 635870

Abstract:
Exosomes are small extracellular vesicles that are secreted by multiple cell types. They contain a rich cargo of proteins and nucleic acids that reflect the host cell type. Exosomes from cancer cells are known to regulate various pathways in the recipient cells thereby favouring cancer progression. In this seminar, recent studies that illustrate the role of exosomes in the tumor microenvironment and cross-species communication will be highlighted. The utility of exosomes for cancer therapy will also be discussed with published and unpublished data.

Speaker:
Professor Suresh Mathivanan

Professor and ARC Future Fellow, Department of Biochemistry and Genetics, La Trobe Institute for Molecular Sciences (LIMS), La Trobe University
Director, Research Centre for Extracellular Vesicles (RCEV)
Associate Editor, Journal of Extracellular Vesicles

Professor Suresh Mathivanan undertook a PhD in proteomics and bioinformatics at the Institute of Bioinformatics, India and Johns Hopkins University, USA. After PhD, Suresh joined Ludwig Institute for Cancer Research, Melbourne, Australia as a postdoctoral researcher. Suresh moved to the Department of Biochemistry, La Trobe Institute for Molecular Science (LIMS) at La Trobe University (Melbourne) after receiving a LIMS fellowship to set up his own research group in 2011. At LIMS, Mathivanan's laboratory is focused on exosomes, their role in cancer and intercellular communication. Currently, he serves as the Director of the Research Centre for Extracellular Vesicles (RCEV) in La Trobe University. He has authored over 109 articles that are cited more than 23500 times (Google Scholar). He has been listed as a 'Highly Cited Researcher' by Web of Science in 2018, 2019 and 2020.

Host:

Kanaga Sabapathy
Professor & Deputy Director
Programme in Cancer & Stem Cell Biology
Duke-NUS Medical School
Singapore

No registration is required.
All are welcome.