CSCB Virtual Seminar Series

Fibrovascular proliferation: a shared mechanism in various diseases.

Date: 22nd February 2021 (Monday)
Time: 12noon-1pm (SGT)

Venue: *via* **Zoom**
For details, please contact:
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Abstract:
Abnormal blood vessel formation and altered extracellular matrix homeostasis are characteristic features of many blinding eye diseases, cardiovascular complications and cancers. Targeting fibrovascular proliferation is considered as an attractive approach to prevent or slow down the progression of these diseases. My lab is interested in understanding the molecular mechanisms underlying fibrovascular proliferation; identifying reliable biomarkers that could predict the fibrovascular progression; and developing minimum invasive drug delivery system and new therapeutics for the treatment of fibrobasvular complications.



Speaker:

Dr. Xiaomeng Wang
Associate Professor

Centre for Vison Research, Duke-NUS Medical School
Joint Principal Investigator, Institute of Molecular and Cell Biology, A*STAR

Dr. Wang Xiaomeng is an Associate Professor at Duke-NUS Medical School and Joint Principal Investigator at Institute of Molecular and Cell Biology, A*STAR. She received her B.S degree from Beijing Normal University in 2000 and PhD in Genetics from Newcastle University in 2006. She then worked as a postdoctoral research fellow at Manchester University and University College London before starting her own lab at Lee Kong Chian School of Medicine, Nanyang Technological University. Dr. Wang's research focuses on molecular mechanisms underlying fibrovascular proliferation with the ultimate aim to identify reliable biomarkers and novel therapeutic targets and develop more effective treatments for fibrovascular diseases. Her work has been published in scientific journals such as Nature, Nature Communications, Nature Protocols, Science Advances, Cell Report, PNAS and Diabetes.

Host:

David Virshup
Professor & Director
Programme in Cancer & Stem Cell Biology
Duke-NUS Medical School
Singapore

No registration is required.
All are welcome.