CSCB Virtual Seminar Series

Follicular T cells in Autoimmune Disease, Infection and Vaccination.

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

Venue: *via* **Zoom**
For details, please contact:
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Abstract:
Lymphoid organs such as spleen and lymph node are compartmentalised into T-cell zones and B-cell follicles. Nevertheless, studies over last fifteen years from us and others revealed that T cells with specialised function can localise in B-cell follicles. CD4+ follicular helper T (TFH) cells are instrumental in supporting protective humoral immunity in infection or pathogenic humoral immunity in autoimmune diseases, while CD8+ follicular cytotoxic T (TFC) cells control the infection in B-cell follicles and sustain CD8+ T cell stemness in cancer immunotherapy. I will present the mechanism that governs the differentiation and function of TFH/TFC cells, with a focus on how such knowledge helps us to design new strategies to improve vaccination.

Speaker:

Professor Di YU

Professorial Research Fellow
The University of Queensland Diamantina Institute

Professor Di YU received a PhD from Australian National University (ANU) in 2007 and a postdoctoral training at the Garvan Institute of Medical Research from 2008-2010. After working as a faculty member at Monash University and ANU, he was appointed as a Professor and joined the University of Queensland in 2019. He investigates the functions of T cell subseets and He has authored > 70 publications including Nature, Nature Immunology, Nature Medicine and Immunity. He was recognised as a Clarivate Highly Cited Researcher in 2019 and 2020.

Host:

Fu Naiyang
Assistant Professor
Programme in Cancer & Stem Cell Biology
Duke-NUS Medical School
Singapore

No registration is required.
All are welcome.