

# SigN-IMCB SEMINAR

*Hosted by Profs Lam Kong Peng & Hong Wanjin*



## Prof Bing Su

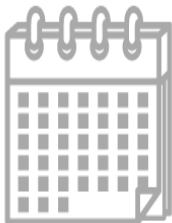
Director of Shanghai Institute of Immunology, Shanghai JiaoTong University School of Medicine

Adjunct Professor, Department of Immunobiology, Yale University School of Medicine

Adjunct Professor and Ph.D. Supervisor, Shanghai University of Traditional Chinese Medicine

## Signaling through the Sin1-mTOR complex in lymphocyte growth and immunity

The mammalian target of rapamycin (mTOR) is an evolutionarily conserved protein kinase with a central role in cell growth and metabolism. Multiple mTOR containing protein complexes (mTORC) exist to mediate mTOR function via controlling many cellular targets including the members of the protein kinase (PK)A/PKG/PKC (AGC) family. Sin1 is an essential component of mTORC2 regulating immune cell growth and metabolism. The function of this mTOR complex in lymphocyte growth and metabolism is still unclear. We will present data showing that how Sin1-mTORC2 is involved in regulating T/B and innate lymphocyte growth and development as well as related immune function.



**17<sup>th</sup> October 2022 (Monday)**  
**9.30 AM – 10.45 AM (Singapore Time)**  
**SigN Seminar Room, Immunos, Level 4**

**8A Biomedical Grove, Immunos, #04-06, Singapore 138648**

*Seminar is open for all to attend.*

*Registration is not required.*