

SIgN Immunology Seminar



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Tetraspanins as therapeutic targets in Leukemia

Tetraspanins belong to a family of transmembrane proteins which play a major role in the organization of the plasma membrane. Historically tetraspanins have been implicated to promote protein scaffolding involved in multiple cellular functions through association with numerous partners involved in a diverse biological processes, including cell activation, survival, proliferation, adhesion, and migration. The recent discoveries implicating a signaling role for tetraspanins in cell survival and death pathways has shifted the focus on therapeutic exploitation of tetraspanin molecules such as CD37. This talk will focus on emerging CD37 directed therapeutic agents, novel animal models that render pre-clinical evaluation of these human directed agents, advances in clinical development of anti-CD37 therapeutics and the future prospects of targeting tetraspanins in hematological malignancies.

Host
Dr Wong Siew
Cheng
Singapore
Immunology
Network, A*Star

Date
Wednesday
2 September
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Time
11am – 12pm

Venue
SIgN Seminar
Room
Immunos
Building
Level 4
Biopolis