

SlgN Immunology Seminar



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The Immunology of Dengue

Dengue virus (DENV) is the principal arthropod-borne viral pathogen afflicting human populations. In my talk, I will detail the first comprehensive overview of CD4+ and CD8+T cell epitope reactivities against the entire DENV proteome in adult patients experiencing secondary DENV infections. I will show that CD4 and CD8 antigenic determinants are derived from different components of the virus and present data on their phenotype and function. I will also detail the derivation and thorough characterization of serotype-specific fully human antibodies from the same patient cohort and discuss the implications these data have for dengue therapy and vaccinology.

Host
Prof Paola
Castagnoli
Singapore
Immunology
Network, A*Star

Date
Friday,
1 March 2013

Time
11.00am – 12.00pm

Venue
SlgN Seminar Room
Immunos Building
Level 4
Biopolis