

2nd Microbiology Students' Symposium: Infection & Immunity
Friday 23 May 2014, 8.30am to 5.30pm
@ CeLS Auditorium

- 08:30-09:00 Registration
- 09:00-09:05 Welcome & Opening Address by Dr Stephan Gasser
- Session I :** Virus – Chair: Dr Justin Chu
- 09:10-09:25 Human Papilloma Virus (HPV) as a Possible Cause of Breast Carcinoma
(1) Kenji Ohba
- 09:25-09:40 MicroRNAs in Lung Repair in the Context of Influenza Infection
(2) Tan Kai Sen
- 09:40-09:55 Chimerization and Characterization of a Monoclonal Antibody Against Influenza H5N1
(3) Sandy Mak
- 09:55-10:10 A Humanized Mouse Model for Chikungunya Virus Infection
(4) Parveen Kaur
- 10:10-10:25 RNA Trans-splicing for Selective Killing of Virus-transduced and Cancer Cells
(5) Sushmita Poddar
- 10:25-10:50 Break
- Session II :** Immunology I – Chair: Prof Mike Kemeny
- 10:50-11:05 "Themis" in T Cells Development
(6) Monika
- 11:05-11:20 Mapping of T Cell Epitopes Specific for Blomia Tropicalis Allergen
(7) Kenneth Wong
- 11:20-11:35 Interferon- γ Influences the Contribution of Defective Ribosomal Products (DRiPs) Versus Protein Retirees as Endogenous Peptide Sources for MHC Class-I
(8) Lai Junyun
- 11:35-11:50 Conserved Extended Haplotypes in MHC of Singaporean Chinese
(9) Lam Tze Hau
- 11:50-12:05 MKP-2 Regulates Innate Immune Response to Influenza Infection
(10) Jiao Huipeng
- 12:05-13:30 Lunch and Poster Session

Session III : Bacteria / Malaria – Chair: Assoc Prof Thomas Dick

13:30-13:45 *Dunaliella tertiolecta* as a Candidate for Carbon Dioxide Sequestration

(11) Daphne Ng Hui Ping

13:45-14:00 Gentle Nutrient Starvation Triggers the Development of a Novel Small Cell Survival Form in *Mycobacterium Smegmatis*

(12) Carolyn Wu Mulu

14:00-14:15 Interactions Between *Blastocystis spp.* and Human Colonic Anti-microbial Peptides

(13) John Anthony Yason

14:15-14:30 Co-infection of Malaria Parasite and Chikungunya Virus Abate Immunopathology

(14) Teo Teck Hui

14:30-14:45 The immunodominant Influenza A Virus M158-66 CTL Epitope Exhibits Degenerate Class I MHC Restrictions in Humans.

(15) Joanna Choo

14:45-15:00 The Role of Helicobacter Ppylori in Causing Disruption of Gastric Epithelial Cell-cell Tight Junctions

(16) Amita Sekar

15:00-15:15 Break

Session IV : Immunology II – Chair: Dr Stephan Gasser

15:15-15:30 Bioactivation of Ethioamide

(17) Michelle Ang

15:30-15:45 Visualizing Dermal Dendritic Cells in Sterile Injury

(18) Goh Chi Ching

15:45-16:00 Role of Lymphatic Vessels in Cholesterol Clearance and the Involvement of High-density Lipoproteins in Regulating Lymphatic Function

(19) Lim Hwee Ying

16:00-16:15 In-vitro Characterization of Monocyte-derived Macrophage Phenotypes and their Functional Role in Atherosclerosis

(20) Eva Hadadi

16:15-16:30 Tumor Cells Accumulate Genome-derived DNA in the Cytosol

(21) Yujia Shen

16:30-17:15 Closing Address and Prize Presentation