

**The 2nd Symposium of International
Immunological Memory and Vaccine Forum (IIMVF)**

Trends in Immunological Memory and Vaccine Development

August 25-26, 2014

**La Jolla Institute of Allergy & Immunology
La Jolla, California, U.S.A.**

Organized by

**International Immunological Memory and Vaccine Forum
US-Japan Cooperative Medical Sciences Program on Immunology
La Jolla Institute for Allergy & Immunology
Leading Graduate School at Chiba University
Chiba Innovation Program for Therapeutics at Chiba University**

~Program~

Monday, August 25

9:00	Arrival
9:00-9:10	Welcoming Remarks
Session I	Mucosal immunology (Chair H. Kiyono/K. Takeda)
9:10-9:40	Toshinori Nakayama "Pathogenic Memory Th2 Cells in the airway"
9:40-9:55	Masaki Miyazaki "Id2 and Id3 maintain the regulatory T cell pool to suppress Th2 inflammatory disease"
9:55-10:25	Mitchell Kronenberg "Mechanisms for the regulation of mucosal immunity by the herpes virus entry mediator"
10:25-11:00	Coffee Break
11:00-11:30	Kiyoshi Takeda "Regulatory mechanisms of gut homeostasis"
11:30-11:45	Yujun Huang "Driving pre-existing immunity at the mucosal borders of the intestine"
11:45-12:00	Satoshi Uematsu "Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome"
12:00-1:30	Lunch and Poster Session
Session II	CD4 T cells (Chair: Shane Crotty)
1:30-2:00	Sonoko Habu "The in vitro induction of serial transfer of anergy status: a model for long lasting immune tolerance"
2:00-2:15	Takanori So "A novel molecular function of TRAF5 in CD4 T cell lineage commitment "
2:15-2:30	Koji Tokoyoda "Resting T helper cell memory in bone marrow"
2:30-3:00	Shane Crotty "Genetics of Tfh differentiation"

- 3:00-3:15 Norifumi Iijima "A local chemokine network sustains tissue-resident memory T cells crucial for antiviral protection"
- 3:15-3:45 **Coffee Break**
- Session III CD8 T cells (Chair: Alex Sette)**
- 3:45-4:15 Alex Sette "Comparative analysis of human T cell responses to DENV and TB"
- 4:15-4:30 Makoto Kurachi "The transcription factor BATF operates as an essential differentiation checkpoint in early effector CD8⁺ T cells"
- 4:30-4:45 Shiki Takamura "CD69 controls a balance between S1P- and CXCL16-mediated chemotaxis in the establishment of CD8⁺ T cell memory in the lung airways"
- 4:45-5:00 Patrick Metz "Regulation of Asymmetric Division and CD8⁺ T Lymphocyte Fate Specification by PKC ζ and PKC μ "
- 5:00-5:30 Louis Picker "The Unique Immunobiology of Cytomegalovirus Vectors; New Immunology from a Very Old Virus"
- 5:30 Adjourn for the day

Tuesday, August 26

- Session IV Vaccines 1 (Chair: Ken Ishii)**
- 9:00-9:30 Hiroshi Kiyono "Mucosal immunity and vaccine development"
- 9:30-10:00 Bali Pulendran "Systems Vaccinology: enabling rational vaccine design with systems biology"
- 10:00-10:30 Ken J Ishii "Innovation and renovation of vaccine adjuvant"
- 10:30-11:00 **Coffee Break**
- Session V Novel regulatory pathways (Chair: Erika Pearce)**
- 11:00-11:30 Erika Pearce "Metabolic interactions in the tumor microenvironment"

11:30-11:45	Wataru Ise “Regulation of germinal center response by the transcription factor BATF”
11:45 -12:15	Masato Kubo “Notch regulates reciprocal expression of CCR7 versus CXCR5 to control central memory T cell generation”
12:15 -12:30	Kiyoshi Hirahara “Asymmetry of STAT action to define specificity and redundancy of IL-27 and IL-6 signals”
12:30-1:30	Lunch
Session VI	B cells (Chair: Tomohiro Kurosaki)
1:30-2:00	Tomohiro Kurosaki “Mechanisms underlying rapid memory IgG responses”
2:00-2:30	Daisuke Kitamura “Molecular mechanisms for the development of B-cell memory”
2:30-3:00	Nobuo Sakaguchi “Role of GANP in the DNA repair for AID-induced somatic hypermutation generating high affinity antibodies”
3:00-3:30	Coffee Break
Session VII	Vaccines 2 (Chair: Hiroshi Kiyono)
3:30-3:45	Klaus Ley “Protective Autoimmunity in Atherosclerosis”
3:45-4:15	Uli von Andrian “A mucosal vaccine against <i>Chlamydia trachomatis</i> generates two synergistic waves of protective memory T cells”
4:15-4:30	Raphael Zellweger “Importance of CD8 T cells for protection against heterotypic Dengue virus infection and antibody-mediated severe disease”
4:30-4:45	Sunnie Yoh “PQBP1 is an innate immune receptor for HIV-1”
4:45-5:15	Dennis Burton “HIV vaccine targets identified by broadly neutralizing antibodies”
5:15-5:30	Closing remarks
5:30-6:45	Refreshments



Inquiries

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