

# Program

**Thursday, June 26**

9:00            **Registration**

## **Opening Remarks:**

10:00            **Masayuki Amagai**, Director, RIKEN IMS

## **Session I: Barrier immunology**

**Chair: T. Kobayashi**

- 10:10    I-1    **John F. Brooks II**, Princeton University (USA)  
*The Circadian Clock Inhibits Dissemination of the Opportunistic Pathogen, Enterococcus faecalis*
- 10:40    I-2    **Kiyoshi Takeda**, The University of Osaka (Japan)  
*Host-microbiota interaction for the maintenance of intestinal homeostasis*
- 11:10            Coffee Break
- 11:30    I-3    **Daniel Mucida**, The Rockefeller University (USA)  
*Identification of antigen-presenting cell-T cell interactions during immune responses to luminal antigens*
- 12:00    I-4    **Masayuki Amagai**, RIKEN IMS (Japan)  
*Layered Defense: Homeostatic Mechanisms of the Skin Barrier at the Immune Interface*
- 12:30            Lunch

## **Session II: Cancer immune-therapy**

**Chair: S. Takamura**

- 14:00    II-1    **Marcela V. Maus**, Massachusetts General Hospital and Harvard Medical School (USA)  
*Driving CAR T cells*
- 14:30    II-2    **Sidonia Fagarasan**, RIKEN IMS (Japan)  
*On the biochemical dialog between immune cells mediating anti-cancer responses*
- 15:00    II-3    **Yosuke Togashi**, Okayama University (Japan)  
*Mitochondrial transfer and cancer immunotherapy*
- 15:30            Coffee Break
- 16:00    II-4    **Sonia Sharma**, RIKEN IMS (Japan)  
*Anti-inflammatory bio-active lipids modulate cancer immunotherapy outcomes*
- 16:30    II-5    **Florent Ginhoux**, Institut Gustave Roussy (France)  
*Tissue Macrophage Heterogeneity*

## **Session III: Young investigator presentation**

**Chair: I. Taniuchi**

- 17:00    III-1    **Aneela Nomura**, RIKEN IMS (JAPAN)  
*The Runx3<sup>R122C</sup> Variant induces Effector T<sub>EX</sub><sup>prog</sup> Development and Improves CD8-T cell Anti-tumor Immunity.*
- 17:20            End of the day

## Friday, June 27

9:00      **Registration**

### **Session IV: B cell and antibody** **Chair: T. Okada**

9:30    IV-1 **Gabriel D. Victora**, The Rockefeller University, Howard Hughes Medical Institute (USA)  
*Clonal dynamics of the antibody response*

10:00   IV-2 **Tomohiro Kurosaki**, RIKEN IMS (Japan)  
*Differential expansion and migration of IgM and IgG plasma cells*

10:30      Coffee Break

11:00   IV-3 **Gregory P Donaldson**, UCLA (USA)  
*Functions of Homeostatic IgA in the Colon*

11:30   IV-4 **Reiko Shinkura**, The University of Tokyo (JAPAN)  
*Recombinant polymeric IgA drug as a gut microbiota regulator*

### **Session III: Young investigator presentation** **Chair: I. Taniuchi**

12:00   III-2 **Akiko Oguchi**, RIKEN IMS (Japan)  
*Enhancer-centric transcriptomics reveals immune disease-linked regulatory elements in human T cells*

12:20      Lunch

### **Session V: Ageing and regeneration in immunity** **Chair: I. Taniuchi**

13:50   V-1 **Graham Anderson**, University of Birmingham (UK)  
*Innate Immune Networks Control Thymus Tissue Repair After Injury*

14:20   V-2 **Yoko Hamazaki**, Kyoto University (Japan)  
*Modeling Human Thymic Development and Regenerating Its Function Using iPSC Technology*

14:50   V-3 **Emmanuelle Passegué**, Columbia University Irving Medical Center (USA)  
*Hematopoietic stem and progenitor cells in health and disease*

15:20      Coffee Break

15:50   V-4 **Makoto Nakanishi**, The University of Tokyo (JAPAN)  
*Targeting chronic inflammation to improve age-related diseases*

### **Session III: Young investigator presentation** **Chair: I. Taniuchi**

16:20   III-3 **Kensuke Miyake**, Institute of Science Tokyo (JAPAN)  
*Basophils as regulators of inflammation: Insights from single-cell transcriptomics*

### **Session VI: Editor Talk** **Chair: I. Taniuchi**

16:50   VI-1 **Seth Thomas Scanlon**, Science Immunology (UK)  
*Publishing in Science Immunology: an inside look*

### **Closing Remarks:**

17:20      **Kiyoshi Takeda**, President, Japanese Society for Immunology

17:25      End of the day

18:00      Social Gathering