

# PROGRAM

**Thursday, February 12**

**9:00- 9:05** Opening remarks by President of Osaka University

**9:05- 9:15** Opening remarks by Shizuo Akira, Director of IFReC

**9:15- 9:45** Takashi Nagasawa (*Kyoto University*)  
“The chemokine CXCL12 and bone marrow niches for hematopoietic stem cells and immune cells”

**9:45-10:15** Steffen Massberg (*Harvard Medical School, USA*)  
“Trafficking of hematopoietic stem and progenitor cells”

**10:15-10:45** Frederic Geissmann (*Kings College London, UK*)  
“Studies on the functions of blood monocytes”

10:45-11:00 Coffee Break

**11:00-11:30** Christopher D.C. Allen (*UCSF, USA*)  
“The early immune response in the respiratory tract”

**11:30-12:00** Masaru Ishii (*National Osaka-Minami Medical Center, IFReC*)  
“Chemokine-mediated migration control of osteoclast precursors visualized by in vivo bone imaging: A novel point of regulation for osteoimmunology”

**12:00-12:30** Hiroshi Takayanagi (*Tokyo Medical and Dental University*)  
“Osteoimmunology-Interactions and shared mechanisms between the immune system and bone”

12:30-14:00 Lunch

**14:00-14:30** Shigeo Murata (*The University of Tokyo*)  
“Production of Positively Selecting peptides by thymus-specific proteasomes”

**14:30-15:00** Tomoyuki Yamaguchi (*Kyoto University*)  
“Construction of Treg cells without Foxp3”

**15:00-15:30** Caroline L. Sokol (*Yale School of Medicine*)  
“A mechanism for the initiation of an allergen-induced type-2 response”

15:30-15:45 Coffee Break

**15:45-16:15 Marc Veldhoen** (*National Institute for Medical Research, UK*)  
“T cell plasticity; more than Th1 and Th2”

**16:15-16:45 Masaaki Murakami** (*IFReC*)  
“How does IL-17 induce Autoimmune Diseases?”

**16:45-17:15 Yoshihiro Baba** (*RIKEN, IFReC*)  
“Physiological function for store-operated calcium entry in immune response”

**18:30- Reception**

*Venue: Senri Hankyu Hotel (Shinsenri Higashimachi, Toyonaka-city, Osaka)*

*Buses for the reception venue will be prepared.*

*FEE: JPY 3,000*

*Registration: Click the registration button on the website.*

## **Friday, February 13**

**9:00- 9:30 Sarkis K. Mazmanian** (*CALTECH, USA*)  
“A beneficial microbe prevents inflammatory disease during host-bacterial symbiosis”

**9:30-10:00 Toshiaki Ohteki** (*Akita University*)  
“Regulation of mucosal IgA production by dendritic cells”

**10:00-10:30 Myoung Ho Jang** (*IFReC*)  
“Antigen presenting cells in intestinal immune regulation”

10:30-10:45 Coffee Break

**10:45-11:15 Sarah E. Henrickson** (*Harvard Medical School, USA*)  
“Dynamics of T cell activation *in vivo*”

**11:15-11:45 Hai Qi** (*NIH, USA*)  
“From *SAP*-less T cells to helpless B cells and back: *in vivo* dynamics of cell cooperation and the formation of germinal centers”

**11:45-12:15 Sho Yamasaki** (*RIKEN*)  
“Self and non-self recognition by ITAM-coupled C-type lectin receptor, Mincle”

**12:15-12:45 Marco Prinz** (*University of Freiburg, Germany*)  
“Type I interferons: news from old molecules”

**12:45-13:15 Osamu Takeuchi** (*IFReC*)  
“RNA recognition and innate immunity”

**13:15- Concluding Remarks by Dr. Shimon Sakaguchi**