

The 43rd Annual Meeting of The Japanese Society for Immunology

Best Presentation Award

JSI gives an award to the superior presenters in the workshop and poster session of the JSI Annual Meeting.

One awardee is selected in an each category by workshop coordinators and chairpersons.

Category-1: Hematopoiesis and Immune Environment

2-H-W32-5-0/P : YANAGIHARA Toyoshi (Kyushu University)

Identification of a novel molecule essential for Aire expression and self-tolerance

Category-2: B cells

2-G-W29-8-0/P : YAMAZAKI Nao (National Center for Global health and Medicine)

IgM⁺ plasma cells contribute to the sufficient production of IgG by secreting IL-10 and IL-13

Category-3: T cells

2-D-W23-6-0/P : KAMIMURA Daisuke (Hokkaido University)

Characterization of T-Red mutant mouse line having reduced naive T cells

Category-4: Helper T cells

3-E-W44-5-0/P : SANO Teruyuki (New York University)

Cytokine requirement for Th17 cell differentiation in response to Segmented filamentous bacteria colonization

Category-5: Regulatory T cells

3-D-W42-16-0/P : MURAKAMI Ryuichi (RIKEN)

Foxp3 and BATF cooperatively controls regulatory T cell homeostasis in non-lymphoid tissues

Category-6: Innate lymphocytes

1-B-W2-8-0/P : MIYAJIMA Michio (RIKEN)

Type III innate lymphoid cells enhance antibody production by splenic marginal zone B cells

Category-7: Dendritic cells and macrophages

2-C-W22-1-0/P : NIIZUMA Kouta (University of Tsukuba)

Identification and characterization of human CD300H, the eighth member of the CD300-family receptors

Category-8: Antigen presentation

2-E-W26-9-0/P : KISHIDA Kazuki (Osaka University)

Processing of cellular misfolded protein complexed with MHC class II molecules

Category-9: Trafficking

1-F-W9-13-O/P : HARADA Yosuke (Kyushu University)

The role of DOCK8 in migration and activation of effector CD4⁺ T cells during immune responses

Category-10: Mast cells & Granulocytes

2-J-W36-7-O/P : ANDO Tomoaki (RIKEN)

Mast cells and the Stat5 activation pathway are required for allergen-induced and spontaneous skin inflammation

Category-11: Allergy

1-J-W18-3-O/P : TSAI Shin han (Osaka University)

E-NPP3 (CD203c) negatively regulates ATP-dependent allergic responses by basophils and mast cells

Category-12: Cytokines and chemokines

3-G-W47-17-O/P : OGURA Hideki (Hokkaido University)

ZFZ (zinc finger motif containing protein Z) promotes the inflammation amplifier by regulating NF- κ B DNA binding activity

Category-13: Immunological memory

1-G-W11-1-O/P : KONDO Taisuke (Keio University)

Generation of mouse CD4⁺ stem cell memory T cells by Wnt signaling and by Notch signaling

Category-14: Virus infection

2-I-W34-2-O/P : SUGIMOTO Naoshi (Kyoto University)

Helicase proteins DHX29 and RIG-I cosense cytosolic nucleic acids in the human airway system

Category-15: Mycofungal / parasite infection

3-I-W52-4-O/P : UENO Keigo (National Institute of Infectious Diseases)

Efficacy of dendritic cell-mediated immunization for the pulmonary infection with highly virulent fungus *Cryptococcus gattii*

Category-16: Bacterial infection

3-I-W51-9-O/P : TSUCHIYA Kohsuke (Kyoto University)

NLRP3 and ASC contribute to host defense against pneumococcal pneumonia in an inflammasome-independent manner

Category-17: Endogeneous innate immunity and inflammation

2-E-W25-6-O/P : IMAMURA Tomoko (Kyoto University)

N4bp1-mediated nascent RNA decay controls cytokine mRNA expression

Category-18: Mucosal-Skin Immunity

3-H-W49-5-O/P : GOTO Yoshiyuki (Columbia University)

Segmented filamentous bacteria antigens presented by intestinal dendritic cells drive mucosal Th17 cell differentiation

Category-19: Tolerance and Immune suppression

1-H-W13-3-O/P : LIN Youwei (NCNP)

Inverse vaccination for autoimmune diseases by sensitization of superior dominant peptide through efficient induction of functionally stable regulatory T cells possessing high antigen-specificity

Category-20: Organ-specific autoimmune diseases

1-F-W10-2-O/P : ASASHIMA Hiromitsu (University of Tsukuba)

The suppressive ability of altered peptide ligands to M3R reactive T cells in M3R induced autoimmune sialadenitis

Category-21: Rheumatoid arthritis

2-F-W28-1-O/P : KONDO Yuya (University of Tsukuba)

ROR γ t+Foxp3+ regulatory T cells regulates the development of autoimmune arthritis in mice

Category-22: Systemic autoimmune diseases

3-F-W45-7-O/P : MORITA Kaoru (The University of Tokyo)

The role of Egr2 and Egr3 in regulating immune homeostasis

Category-23: Tumor immunity

2-B-W19-8-O/P : MAEDA Takuya (Kyoto University)

Regeneration of EB virus LMP2 specific CTLs utilizing iPS technology

Category-24: Human Immunology (immunointervention)

3-C-W40-7-O/P : NAKACHI Shinichiro (The University of Tokyo)

A quantitative alteration of human CD4+CD25-LAG3+Tregs in patients with rheumatoid arthritis