Conference Poster List

Poster Setup: Saturday November 1 08:00 – 18:00 PM
Poster Viewing: Saturday November 1 08:00 – 18:30 PM
Sunday November 2 08:00 – 18:30 PM
Monday November 3 08:00 – 18:30 PM
Monday November 3 18:30 – 20:00 PM, with beer and snacks
Tuesday November 4 08:00 – 12:30 PM

Poster Location: Poster Room, 4th Floor, Renaissance Shanghai Pudong Hotel

Plenary short speaker are welcome to present their posters.

P001/ Abstract No. 004
TGF-β1/IL-23 pathway is upregulated in patients with acute-on-chronic hepatitis B liver failure and is associated with disease severity and survival
Xueping Yu and Zhijun Su
Department of Infectious Diseases, the First Hospital of Quanzhou Affiliated to Fujian Medical University, Quanzhou, China

P002/Abstract No. 005
MeCP2 enforces Foxp3 expression to determine natural regulatory T cells’ resilience to inflammation
Shan Jiang
Department of Immunology, Duke University Medical Center, Durham, NC 27710, USA;

P003/ Abstract No. 010
The MicroRNA miR-17 modulates regulatory T cell activity by targeting Foxp3 co-regulators
Huang-Yu Yang
Kidney Research Center, Department of Nephrology, Chang Gung Memorial Hospital, Chang Gung University College of Medicine, Taoyuan, Taiwan

P004/Abstract No. 012
Hepatic stellate cell-derived retinoic acid regulates group 3 innate lymphoid cells and modulates viral hepatitis
Jiare Sun
Dept. of Microbiology and Immunology, University of Texas Medical Branch, Galveston, Texas, USA

P005/Abstract No.013
Ubiquitin-specific protease 4 promotes Th17 cell function under inflammation by deubiquitinating and stabilizing RORγt
Jing Yang
Key Laboratory of Molecular Virology & Immunology, Unit of Molecular Immunology, Institut Pasteur of Shanghai, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai, 200025, China.
P006/Abstract No. 014
Potential contribution of T helper type 17 cells survival to neutrophilic airway inflammation in asthma
Min Jiang
The First Affiliated Hospital of Guangxi Medical University, Guangxi, China

P007/Abstract No. 015
High frequency of CD4\(^+\)CXCR5\(^+\) Th17 cells in patients with hepatitis B and chronic hepatitis C
Yanfang Jiang
The First Hospital, Jilin University, Changchun, 130021, China

P008/Abstract No. 016
FOXP3-TSDR methylation status and colon cancer
Changhua Zhuo
Department of Colorectal Surgery, Fudan University, Shanghai, China

P009/Abstract No. 022
Type 1 regulatory T cells, but not Foxp3\(^+\) regulatory T cells, inhibit activation of the NLRP3 inflammasome.
Yu Yao
Departments of Medicine and Surgery, University of British Columbia, Vancouver, BC, Canada,

P010/Abstract No. 025
PARP1 regulates the function of regulatory T cells through poly(ADP)-ribosylation of FOXP3 under inflammation
Xuerui Luo
Key Laboratory of Molecular Virology & Immunology, Institut Pasteur of Shanghai, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, Shanghai, 200031, China.

P011/Abstract No. 026
Integrin αvβ8-mediated TGFβ activation by effector regulatory T-cells is essential for suppression of T-cell-mediated inflammation
Mark A. Travis
Manchester Collaborative Centre for Inflammation Research, University of Manchester, UK

P012/Abstract No. 027
The Ubiquitinase activity of p300, but not its acetyltransferase activity, positively regulates RORγt-mediated transcriptional activation of IL-17
Qingsi Wu
Department of Microbiology and Parasitology, Anhui Medical University, Hefei, Anhui, 230032, China

P013/Abstract No. 028
LCP enhance chemotherapy cytotoxicity through modulation of anti-tumor immune microenvironment
Yanwei Shen
The Cancer Institute (Key Laboratory of Cancer Prevention and Intervention, China National Ministry of Education; Key Laboratory of Molecular Biology in Medical Sciences, Zhejiang Province, China

P014/Abstract No. 030
IL-17F reduces lung metastasis in a murine melanoma model
Huanle Gong
Laboratory of Cellular and Molecular Tumor Immunology, Jiangsu Key Laboratory of Infection and Immunity, Institutes of Biology and Medical Sciences, Soochow University, Suzhou, 215123, China

P015/Abstract No. 031
The graft versus leukemia effect of donor γδT cells in allogeneic hematopoietic stem cell transplantation
Yuan Song
Institutes of Biology and Medical Science, Soochow university, Suzhou, 215123, China

P016/Abstract No. 032
An altered peptide ligand derived from the HLA-A*0201-restricted immunodominant type 1 diabetes autoantigen insulin A-chain (2-10) peptide protect from type 1 diabetes in humanized NOD mice by inducing CD8+CD25+ regulatory T cells
Mengjun Zhang
Institute of Immunology PLA & Department of Immunology, Third Military Medical University, Chongqing 400038, China

P017/Abstract No. 034
Amelioration of metabolic disorder in high-fat diet mice by oral administration of adipose tissue antigens is associated with elevated adipose tissue-resident CD4+CD25+Foxp3+ regulatory T cells
Xiangyu Chen
Institute of Immunology PLA & Department of Immunology, Third Military Medical University, Chongqing 400038, China

P018/Abstract No. 035
SHP2 mediates dectin-induced SYK activation and anti-fungal TH17 response
Zihou Deng
Key Laboratory of Molecular Virology and Immunology, Institut Pasteur of Shanghai, Chinese Academy of Sciences, Shanghai 200031, P.R. China

P019/Abstract No. 036
Regulatory T cells dysfunction is due to decreased Foxo1 activity in psoriasis patients
Bing Li
Department of Dermatology, Xijing Hospital, The Fourth Military Medical University, 127 Changle West Road, Xi’an 710032, China
P020/Abstract No. 037
SAP-regulated T cell-APC adhesion and ligation-dependent and -independent Ly108-CD3\(\zeta\) interactions
Coco Chu
Tsinghua-Peking Center for Life Sciences, Laboratory of Dynamic Immunobiology, School of Medicine, School of Life Sciences, Tsinghua University, Beijing 100084, P. R. China

P021/Abstract No. 041
miRNA-335 downregulates NR4A3 and ADCY3 in human regulatory T cells
Kung-Chi Kao
Graduate Institute of Immunology, College of Medicine, National Taiwan University, Taipei

P022/Abstract No. 043
The role of IL-23 during the development of hepatocellular carcinoma
Yonghao Liu
Institutes of Biology and Medical Science, Soochow University, Suzhou, 215123, China

P023/Abstract No. 044
Toll-like receptor 2 signaling protects against ultraviolet-induced inflammation
Dong Hun Lee
Department of Dermatology, Seoul National University College of Medicine, Institute of Human-Environment Interface Biology, Seoul National University, Seoul, Korea,

P024/Abstract No. 045
The role of membrane and secreted forms of IL-1\(\alpha\) in acute liver inflammation and carcinogenesis
Dandan Lin
Laboratory of Cellular and Molecular Tumor Immunology, Institutes of Biology and Medical Sciences, Soochow University, Suzhou, 215123, P. R. China

P025/Abstract No. 046
Dihydroquercetin (DHQ) ameliorated concanavalin A-induced mouse experimental fulminant hepatitis and enhanced HO-1 expression through MAPK/Nrf2 antioxidant pathway in RAW cells
Xiao-Kang Li
Division of Transplantation Immunology, National Research Institute for Child Health and Development, Tokyo, Japan

P026/Abstract No. 047
Regulation of Treg cell stability under inflammation by PIM kinase mediated serine phosphorylation of GATA3 at the S369 site
Chen Chen
Key Laboratory of Molecular Virology & Immunology, Unit of Molecular Immunology, Institut Pasteur of Shanghai, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, CHINA.
P027/Abstract No. 048
MiR-125a-5p stabilizes Treg cells exposed to inflammation through targeting IL-6R and STAT3
Dan Li
Key Laboratory of Molecular Virology & Immunology, Unit of Molecular Immunology, Institut Pasteur of Shanghai, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China.

P028/Abstract No. 049
Activin-A-induced regulatory T cells give rise to tolerogenic dendritic cells that attenuate allergic airway inflammation through induction of Foxp3^+ regulatory T cells.
Semitekolou Maria
Cellular Immunology Laboratory, Center for Basic Research, Biomedical Research Foundation of the Academy of Athens, 4, SoranouEfesiou, Papagou, Athens, Greece

P029/Abstract No. 050
HGK/MAP4K4 deficiency induces TRAF2 stabilization and Th17 differentiation leading to insulin resistance
Tse-Hua Tan
Immunology Research Center, National Health Research Institutes, Zhunan, Taipei

P030/Abstract No. 052
The nuclear IκB family protein “IκBNS” control Th17 cells differentiation.
Takashi Maruyama
Laboratory of Cell signaling, School of Medicine, Gifu University, Gifu 501-1194, Japan

P031/Abstract No. 053
Oxysterols are agonist ligands of RORγt and drive Th17 cell differentiation
Siquan Sun
Janssen Research and Development, LLC, San Diego, CA 92121

P032/Abstract No. 056
Induction of MPO tolerance by nasal administration of immunogenic MPO peptide (MPO 409-428) in the model of MPO-ANCA associated glomerulonephritis
PY GAN
Centre for Inflammatory Diseases, Monash University Department of Medicine, and 2Department of Nephrology, Monash Health; Clayton, Victoria, Australia

P033/Abstract No. 057
Exploring the roles and plasticity of T-cell responses in anti-bacterial immunity
Ferraro A
GlaxoSmithKline Vaccines, Rixensart, Belgium

P034/Abstract No. 059
PC61-mediated Treg depletion markedly reduces antibody production during genital *Chlamydia* infection
Jun Wang
*Canadian Center for Vaccinology, Department of Microbiology & Immunology, Department of Pediatrics, Faculty of Medicine, Dalhousie University, Nova Scotia, CANADA.*

**P035/Abstract No. 060**
Endogenous TOLL-like receptor 9 regulates acute kidney injury by promoting regulatory T cell recruitment
Maliha A. Alikhan
*Centre for Inflammatory Diseases, Department of Medicine, Monash University, Clayton, Victoria, Australia*

**P036/Abstract No. 063**
Diagnosing transplant tolerance by in vitro assay of CD4^+^CD25^+^ T cells and CD4^+^CD25^-^ T cells in MLC to specific donor and third party antigen.
Hall BM
*Immune Tolerance Laboratory UNSW Australia, Sydney.*

**P037/Abstract No. 064**
GILZ regulates production of pTreg and tTreg cells and is necessary for glucocorticoid-mediated induction of Treg cells
Oxana Bereshchenko
*Department of Medicine, Section of Pharmacology, University of Perugia, S. Andrea delle Fratte, Perugia, 06132, Italy.*

**P038/Abstract No. 065**
PKC inhibitor sotrastaurin stabilizes human Treg phenotype and prevents psoriatic dermal T cells producing IL-17 and IFN-γ
Xuehui He
*Laboratory of Medical Immunology, 2Laboratory of Clinical Chemistry, Department of Laboratory Medicine, Radboud University Medical Centre, Nijmegen, The Netherlands*

**P039/Abstract No. 068**
All-trans retinoic acid stable human regulatory T cells under inflammatory conditions
Ling Lu
*Department of Liver Surgery, First Affiliated Hospital of Nanjing Medical University; China*

**P040/Abstract No. 070**
The impact of secondary iTreg clones in the TCR repertoire of tumor patients.
Maria Xydia
*German Cancer Research Center (dkfz), Im Neuenheimer Feld 460, 69120 Heidelberg, Germany.*

**P041/Abstract No. 072**
Phosphorylation of Stat3 involved in the pathogenesis of dysfunctional regulatory T cells in psoriasis
Luting YANG
Department of Dermatology, Xijing Hospital, Number 127, Chang le West Road, Xi’an, China

P042/Abstract No. 074
Friedrich Raulf
Novartis Institutes for BioMedical Research, Autoimmunity, Transplantation & Inflammation disease area, CH-4002 Basel, Switzerland

P043/Abstract No. 075
Iron deficiency impairs regulatory T cell homeostasis
Marc Martínez-Llordella
Institute of Liver Studies, King’s College Hospital, MRC Transplant Centre, King’s College London

P044/Abstract No. 076
Enhanced lipopolysaccharide induced monocyte activation by recombinant human soluble cluster of differentiation (CD) 14
Seong-Jun Kang
Department of Microbiology and Immunology, Translational Xenotransplantation Research Center, Seoul National University College of Medicine, Seoul 110-799, Korea

P045/Abstract No. 077
Murine mesenchymal stem cell-derived exosomes suppress Th17, but not Th1 differentiation.
Sun-Ho Lee
Department of Microbiology and Immunology, Xenotransplantation Research Center, Seoul National University College of Medicine, Seoul 110-799, Korea

P046/Abstract No. 078
Dual phenotypic regulatory T cell in human pancreatic carcinoma
Stalin Chellappa Gunasekaran
The Biotechnology Centre of Oslo, University of Oslo, Norway

P047/Abstract No. 079
Feasibility of isolation and storage of CD4+ cells as a source of regulatory T cells for clinical application.
Karolina Goląb
Department of Surgery, University of Chicago, 910 E. 58th Street, room 029, Chicago, IL 60615, USA

P048/Abstract No. 081
Molecular determinants of effector Treg differentiation.
Ajithkumar Vasanthakumar
P049/Abstract No. 082
Tregs and T_{FH} cells in pediatric patients with vasculitic renal disease and following transplantation
SI Alexander
University of Sydney, Children’s Hospital at Westmead, Centre for Kidney Research, Centre for Transplantation and Renal Research, Royal Prince Alfred Hospital, Australia

P050/Abstract No. 083
Human CD14^+ CD36^{hi} monocytes induce extrathymic Treg differentiation from naïve CD4^+ T cells
Makio Iwashima
Department of Microbiology and Immunology and Cardiovascular Surgery, Institute of Infectious Disease and Immunology, and Van Kampen Cardiopulmonary Research Laboratory, Stritch School of Medicine, Loyola University Chicago, Maywood, IL 60153, USA

P051/Abstract No. 086
MicroRNA-155 regulates T follicular helper cell generation and function through the Peli1-c-Rel axis
Wen-Hsien Liu
State Key Laboratory of Cellular Stress Biology, Innovation Center for Cell Biology, School of Life Sciences, Xiamen University, Xiamen, Fujian, China.

P052/Abstract No. 087
Reciprocal regulation of Th17 and Treg cells by SGK1
Chuan Wu
Evergrande Center for Immunologic Diseases, Brigham and Women’s Hospital, Harvard Medical School, Boston, USA;

P053/Abstract No. 088
Diverse roles for T-bet in the effector responses required for resistance to infection
Gretchen Harms Pritchard
Department of Pathobiology, School of Veterinary Medicine, University of Pennsylvania, Philadelphia, PA 19104, USA

P054/Abstract No. 089
FOXP3 regulates RNA alternative splicing in Tregs
Baohua Zhou
Department of Pediatrics, Wells Center for Pediatric Research, Indiana University School of Medicine, Indianapolis, IN 46202, United States

P055/Abstract No. 090
CD4^+CXCR5^+ICOS^+PD1^+ T follicular helper cells participate in the pathogenesis of infectious mononucleosis patients
Jinlin Liu
Department of Clinical Laboratory, ^2Department of Pediatrics, Zhejiang Province People’s Hospital, Hangzhou, 310004, China

P056/Abstract No. 091
FOXP3 tightly controls target gene expression using microRNAs in human regulatory T cells, and regulates Treg plasticity
Barry SC
Molecular Immunology, WCHRI, North Adelaide, SA, Australia

P057/Abstract No. 092
PI16: a novel biomarker on human Treg and T helper subsets which identifies defective Treg in Type 1 diabetes.
S. C. Barry
Molecular Immunology, WCHRI, Adelaide, SA, Australia

P058/Abstract No. 093
The RNA-binding protein HuR regulates CD4^+ T cell differentiation and is required for normal IL-2 homeostasis and allergic airway inflammation
Ulus Atasoy
University of Missouri, Columbia, MO, USA.

P059/Abstract No. 094
Heliospositive Tregs are self-reactive and have distinct functional properties
Lena Wyss
Departments of Biomedicine and Nephrology, University Hospital-Basel and University of Basel, Hebelstrasse 20, CH-4031 Basel, Switzerland

P060/Abstract No. 095
The cytokine IL-27 limits acute and chronic manifestations of lung disease in a mouse model of post viral asthma
Gaia Muallem
Department of Pathobiology, University of Pennsylvania, Philadelphia, PA.

P061/Abstract No. 096
T cell-specific Blimp-1 ablation exacerbates autoimmune encephalomyelitisin NOD mice by excessively increasing Th1 and Th17 and impairing Treg cells
Ming-Hong Lin
Department and Graduate Institute of Microbiology and Immunology, National Defense Medical Center, Taipei

P062/Abstract No. 097
Commensal bacteria suppresses food allergy by inhibiting ILC2 cytokine production through Th17 induction
Ryuusuke Nakagawa
Department of Microbiology and Immunology, Keio University School of Medicine, Tokyo, Japan

P063/Abstract No. 102
Monocytes of synovial fluid in osteoarthritis produce a large quantity of interleukin 1 beta although no relashionship to the pain severity
Nyoman Kertia
Section of Rheumatology, Department of Internal Medicine, Faculty of Medicine GadjahMada University / Dr. Sardjito Hospital, Yogyakarta – Indonesia

P064/Abstract No. 104
The role of PD1/PDL1 in the induction of regulatory T cells during infection with protozoan parasites
Lynn Soong
Department of Microbiology and Immunology, University of Texas Medical Branch, Galveston, TX, USA

P065/Abstract No. 106
Phenotypic Tfh development promoted by CXCR5-controlled re-localization and IL-6 from radiation-resistant cells
Xin Chen
Laboratory of Dynamic Immunobiology, Institute for Immunology, School of Medicine, Tsinghua University, Beijing, China.

P066/Abstract No. 107
Immune recognition of dietary antigens by mucosal CD4 T cells
Kwang Soon Kim
Academy of Immunology and Microbiology, Institute of Basic Science (IBS), Pohang, South Korea

P067/Abstract No. 108
Th17 can regulate silica-induced lung inflammation through an IL-1β-dependent mechanism
Laiyu Song and Jie Chen
Division of Pneumoconiosis, School of Public Health, China Medical University, Shenyang, PR China.

P068/Abstract No. 109
Dendritic cell paralysis induced by interleukin 2-conditioned antigen non-specific regulatory T cells
Jiacong Yan
Tsinghua Institute for Immunology; Department of BasicMedical Sciences, School of Medicine, Tsinghua University, Beijing, China