

# KAI International Meeting 2020 Virtual

- Nov. **11** (Wed) ~ **13** (Fri), 2020
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E-Poster List



Poster No.	Abstract No.	Category	Type	Presenter	Title	Country
EP-001	20F-045	Allergy, Hypersensitivity and Autoimmunity	E-Poster	LAXMI PRASAD UPRETY	Effects of an Autoantigen TNP1 of Lupus Nephritis on Cell Penetration and Pro-inflammatory Cytokine Production Stimulated by Anti-DNA Antibodies in Mouse Mesangial Cells	Korea, Republic of
EP-002	20F-052	Allergy, Hypersensitivity and Autoimmunity	E-Poster	PARK SANG CHUL	Distinct Expression of Dendritic Cell Subsets in Nasal Mucosa of Patients with Allergic Rhinitis and Chronic Rhinosinusitis	Korea, Republic of
EP-003	20F-056	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Chang Woo-Sung	Cytokine/Chemokine Pathway-Related Genes were Up-Regulated in the Progression of Chronic HDM Exposure	Korea, Republic of
EP-004	20F-060	Allergy, Hypersensitivity and Autoimmunity	E-Poster	JeongWon Choi	Metformin ameliorates scleroderma via inhibiting Th17 cells and reducing mTOR-STAT3 signaling in skin fibroblasts	Korea, Republic of
EP-005	20F-070	Allergy, Hypersensitivity and Autoimmunity	E-Poster	JaeWon Lee	Exosomes derived from canine adipose tissue-derived mesenchymal stem cells attenuate atopic dermatitis in mouse model	Korea, Republic of
EP-006	20F-096	Allergy, Hypersensitivity and Autoimmunity	E-Poster	se jung park	The Role of GM-CSF in Mouse Models of Allergic Anaphylaxis	Korea, Republic of
EP-007	20F-098	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Jeong Kyu Tae	Establishment of Experimental Murine Model for Atopic March with Integrated Analysis for Candidate Biomarker Discovery	Korea, Republic of
EP-008	20F-103	Allergy, Hypersensitivity and Autoimmunity	E-Poster	JYOUNG KIM	Combination Treatment with Lactobacillus acidophilus LA-1, Vitamin B, and Curcumin Ameliorates the Progression of Osteoarthritis by Inhibiting the Pro-inflammatory Mediators	Korea, Republic of
EP-009	20F-107	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Hayeon Jeong	Combination Treatment with Metformin and Tacrolimus Improves Systemic Immune Cellular Homeostasis by Modulating Treg and Th17 imbalance	Korea, Republic of
EP-010	20F-108	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Yun Ho Choi	Aloperine Suppresses Allergic Airway Inflammation through NF- $\kappa$ B, MAPK, and Nrf2/HO-1 Signaling Pathways in Mice	Korea, Republic of
EP-011	20F-109	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Yun Ho Choi	Cryptotanshinone Attenuates Airway Remodeling by Inhibiting Crosstalk Between Tumor Necrosis Factor-Like Weak Inducer of Apoptosis and Transforming Growth Factor Beta 1 Signaling Pathways in Asthma	Korea, Republic of
EP-012	20F-118	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Min-Jung Park	Mesenchymal stem cells combined with low-dose tacrolimus ameliorates systemic lupus erythematosus in lupus prone MRL/lpr mice through regulating the balance TFH cells and Treg	Korea, Republic of
EP-013	20F-120	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Hern-Ku Lee	Glutamine deficiency is associated neutrophilic airway inflammation	Korea, Republic of
EP-014	20F-130	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Eun-Ju Lee	Role of EC-18 in Autoimmune Arthritis and Interstitial Lung Disease in Curdlan-Administered SKG Mice	Korea, Republic of
EP-015	20F-131	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Yeon su Lee	Liposome/gold hybrid nanoparticle encoded with CoQ10 (LGNP-CoQ10) suppressed rheumatoid arthritis via STAT3/Th17 targeting	Korea, Republic of
EP-016	20F-132	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Um In Gyu	GRIM-19 ameliorates multiple sclerosis in a mouse model of experimental autoimmune encephalomyelitis with reciprocal regulation of IFN $\gamma$ /Th1 and IL-17A/Th17 cells	Korea, Republic of
EP-017	20F-133	Allergy, Hypersensitivity and Autoimmunity	E-Poster	JaeWoo Shin	Anti-inflammatory Effects of Human Umbilical Cord-derived Mesenchymal Stem Cells on Murine Asthma Models	Korea, Republic of
EP-018	20F-137	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Jin-Sil Park	B cell-Specific Deletion of Crif1 Causes Systemic Lupus Erythematosus	Korea, Republic of
EP-019	20F-138	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Minyeong Lim	Epithelial cell proliferation induced by group 2 innate lymphoid cells exacerbates eosinophilic esophagitis.	Korea, Republic of
EP-020	20F-140	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Soyoung Lee	The Sirtuin 2 inhibitor suppresses allergic airway inflammation in mast cell-mediated asthma	Korea, Republic of
EP-021	20F-150	Allergy, Hypersensitivity and Autoimmunity	E-Poster	JUN HO CHOI	A 4-Week Model of Anisakis spp. Extract (AE) Induced Airways Inflammation	Korea, Republic of
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EP-024	20F-201	Allergy, Hypersensitivity and Autoimmunity	E-Poster	Kunhee Lee	IL-17/ TH17 signaling promotes to fibrosis and inflammation and triggers Scleroderma like diseases in SKG mice	Korea, Republic of
EP-025	20F-203	Allergy, Hypersensitivity and Autoimmunity	E-Poster	CHIN HEE MUN	Mesenchymal Stem Cells-derived Secretome Attenuates Inflammation in NZB/W F1 Mice by Modulating Helper T Cell Response	Korea, Republic of

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EP-027	20F-010	Immune Cell Development, Differentiation and Function	E-Poster	Se-hoon Park	BST2 Facilitates Immune Responses by Enhancing Dendritic Cell Migration to the Draining Lymph Node	Korea, Republic of
EP-028	20F-027	Immune Cell Development, Differentiation and Function	E-Poster	Jiung Jeong	Critical Role of Cilia related Protein in CD4+ T cell Activation and Differentiation	Korea, Republic of
EP-029	20F-028	Immune Cell Development, Differentiation and Function	E-Poster	Jae-won Cho	Plasmacytoid dendritic cells regulate colitis-associated tumorigenesis by controlling myeloid-derived suppressor cell infiltration	Korea, Republic of
EP-030	20F-038	Immune Cell Development, Differentiation and Function	E-Poster	In-Ho Seo	IL-15 Enhances CCR5-mediated Migration Of Memory CD8+ T cells by Upregulating CCR5 Expression In The Absence Of TCR Stimulation	Korea, Republic of
EP-031	20F-040	Immune Cell Development, Differentiation and Function	E-Poster	yunjeong yang	Natural Compound A Enhances NK Cell Cytotoxicity by the Upregulation of NK Cell Activating Receptor Expression via ERK Pathway.	Korea, Republic of
EP-032	20F-041	Immune Cell Development, Differentiation and Function	E-Poster	Jiyeon Kim	Liver X Receptor Regulates Follicular Helper T Cell Differentiation Via TCF-1	Korea, Republic of
EP-033	20F-065	Immune Cell Development, Differentiation and Function	E-Poster	JungHyub Hong	Kidney Comprises Two Distinct Subsets of CD64+CD11chi Macrophage-like Populations; F4/80+CD11bint Kidney-Resident Macrophages and F4/80IntCD11bhi Macrophage-like Dendritic cells	Korea, Republic of
EP-034	20F-068	Immune Cell Development, Differentiation and Function	E-Poster	Kim Changhyun	NSrp70 Is a Lymphocyte-Essential Splicing Factor That Controls Thymocyte Development	Korea, Republic of
EP-035	20F-073	Immune Cell Development, Differentiation and Function	E-Poster	Sujin Lee	Two Distinct Subpopulations of Marginal Zone B Cells Exhibit Differential Capability of Producing Antibodies.	Korea, Republic of
EP-036	20F-074	Immune Cell Development, Differentiation and Function	E-Poster	Wonjoon Oh	Immunoglobulin Heavy Chain Repertoire and Gene Expression Analysis of Anergic CD138int Follicular B Cells	Korea, Republic of
EP-037	20F-090	Immune Cell Development, Differentiation and Function	E-Poster	Kang Myeongho	Exogenous IL-33 promotes anti-tumor immunity via induction of highly immunogenic novel CD103+ dendritic cells	Korea, Republic of
EP-038	20F-092	Immune Cell Development, Differentiation and Function	E-Poster	SunHee Hwang	Retinoic acid Ameliorates Aging- and Metabolic-Abnormality-Induced Salivary gland Inflammation by Inducing Gut-Homing CCR9+α4β7+ Th17 and Treg Cells in Sjögren's Syndrome	Korea, Republic of
EP-039	20F-094	Immune Cell Development, Differentiation and Function	E-Poster	Da Som Kim	Short-chain fatty acid butyrate induces IL-10-producing B cells by regulating circadian-clock-related genes to ameliorate Sjögren's syndrome	Korea, Republic of
EP-040	20F-097	Immune Cell Development, Differentiation and Function	E-Poster	Seon-Yeong Lee	Vimentin facilitates autoimmune Th17 cell activation to augment rheumatoid arthritis pathogenesis	Korea, Republic of
EP-041	20F-101	Immune Cell Development, Differentiation and Function	E-Poster	Cha Min Suk	TopBP1 plays a crucial role in cDC1 development and DC-mediated antitumor immunity	Korea, Republic of
EP-042	20F-112	Immune Cell Development, Differentiation and Function	E-Poster	Lee Jeongsu	Interleukin-1-interleukin-17 signaling axis induces cartilage destruction and promotes experimental osteoarthritis	Korea, Republic of
EP-043	20F-114	Immune Cell Development, Differentiation and Function	E-Poster	Young-saeng Jang	Lactoferrin, TGF-β1, and retinoic acid in combination synergize to enhance differentiation of Ag-specific Foxp3+ iTregs	Korea, Republic of
EP-044	20F-115	Immune Cell Development, Differentiation and Function	E-Poster	Young-saeng Jang	Lactoferrin directly and indirectly induces tolerogenic DCs	Korea, Republic of
EP-045	20F-116	Immune Cell Development, Differentiation and Function	E-Poster	Young-saeng Jang	Lactoferrin-derived peptides chimera (LFch) potently enhances TGFβ1-induced Treg differentiation	Korea, Republic of
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EP-051	20F-181	Immune Cell Development, Differentiation and Function	E-Poster	MINJI CHO	IL-25 bystander activates memory-phenotype CD4+ T cells with Th2 characteristics	Korea, Republic of
EP-052	20F-195	Immune Cell Development, Differentiation and Function	E-Poster	Donghyun Kim	Induction of the IL-1RII Decoy Receptor by NFAT/FOXP3 Blocks IL-1β-Dependent Response of Th17 Cells	Korea, Republic of

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EP-054	20F-044	Immune Mediators, their Receptors and Signaling	E-Poster	Chaewon Kim	Single Cell transcriptomic Re-Analysis of Immune Cells Related to antibody-producing cells in Bronchoalveolar Lavage Fluids of Patients with SARS-CoV-2 Infection	Korea, Republic of
EP-055	20F-089	Immune Mediators, their Receptors and Signaling	E-Poster	Sanghoon Kim	A membrane organizer CD82 shapes the optimal CD8+ T cell-mediated anti-tumor immune responses via controlling the T cell polarization	Korea, Republic of
EP-056	20F-110	Immune Mediators, their Receptors and Signaling	E-Poster	Hyun Sik Na	Soluble CCR2 E3 gene therapy controls joint inflammation, cartilage breakdown and progression of osteoarthritis via MCP-1 targeting	Korea, Republic of
EP-057	20F-154	Immune Mediators, their Receptors and Signaling	E-Poster	Hoyoung Lee	TCR-independent IL-15-induced Activation of Human Memory CD8+ is Negatively Regulated by Calcium Dependent Signaling and not Suppressed by Calcineurin Inhibitors	Korea, Republic of
EP-058	20F-171	Immune Mediators, their Receptors and Signaling	E-Poster	JE-JUNG LEE	HMGB1 orchestrates STING-mediated senescence via TRIM30α modulation in cancer cells	Korea, Republic of
EP-059	20F-182	Immune Mediators, their Receptors and Signaling	E-Poster	Man Sup Kwak	Autophagy and multivesicular body formation induce HMGB1 secretion	Korea, Republic of
EP-060	20F-190	Immune Mediators, their Receptors and Signaling	E-Poster	Man Sup Kwak	ROS Induced anti-parallel HMGB1 dimer protects DNA against ROS-mediated damage	Korea, Republic of
EP-061	20F-026	Immune Response Regulation and Tolerance	E-Poster	Yunji Joo	Immunomodulatory Effects of Functionally Enhanced Cell Spheroid – Adipose Derived in Critical Limb Ischemia	Korea, Republic of
EP-062	20F-034	Immune Response Regulation and Tolerance	E-Poster	Kyemyung Park	Quantitative Dissection of Immune Homeostasis Using Multiscale Modeling Approaches	Korea, Republic of
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EP-065	20F-054	Immune Response Regulation and Tolerance	E-Poster	KIM YEONJI	Association of Penta EF hand proteins of apoptotic exosomes biogenesis	Korea, Republic of
EP-066	20F-062	Immune Response Regulation and Tolerance	E-Poster	Jeong Yideul	Nrp1+ DC Plays Crucial Role in Controlling EAE via Induction and Maintenance of Nrp1+Helios+ DP-Tregs	Korea, Republic of
EP-067	20F-063	Immune Response Regulation and Tolerance	E-Poster	Hansol Yi	Bach2 regulates lipid metabolism and differentiation in B cells.	Korea, Republic of
EP-068	20F-064	Immune Response Regulation and Tolerance	E-Poster	Jin Kyeong Choi	IL-12p35 induces expansion of IL-10 and IL-35-expressing regulatory B cells and inhibits autoimmune uveitis	Korea, Republic of
EP-069	20F-091	Immune Response Regulation and Tolerance	E-Poster	Dasom Park	Dynamic changes in metabolic profile and immune response of Holstein and Jersey cow in response to heat stress by transcriptome analysis	Korea, Republic of
EP-070	20F-099	Immune Response Regulation and Tolerance	E-Poster	Cho Keun hyung	Lactobacillus rhamnosus ameliorates pain and cartilage degradation in experimental osteoarthritis	Korea, Republic of
EP-071	20F-106	Immune Response Regulation and Tolerance	E-Poster	Seung Yoon Lee	Lactobacillus sakei suppresses collagen-induced arthritis and modulates the differentiation of T helper 17 cells and regulatory B cells	Korea, Republic of
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EP-073	20F-127	Immune Response Regulation and Tolerance	E-Poster	Changhon Lee	Immune Suppressive Potential of Commensal Yeast Cell Surface Polysaccharides Triggered by Removal of β-1,3-glucans Alleviate Inflammatory Diseases	Korea, Republic of
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EP-076	20F-151	Immune Response Regulation and Tolerance	E-Poster	Gil-Ran Kim	In vivo Induction of Regulatory T cells by CTLA-4 Peptide Controls Autoimmunity	Korea, Republic of
EP-077	20F-172	Immune Response Regulation and Tolerance	E-Poster	Hee Sue Kim	Anti-Inflammatory Effect of Sulfatide in Macrophage through Inhibition of HMGB1 Secretion	Korea, Republic of
EP-078	20F-187	Immune Response Regulation and Tolerance	E-Poster	Seungbo Yoo	Altered T cell Functionality via Less Immunogenic CD11b/c+ Dendritic Cells in Chronic LCMV Infection	Korea, Republic of
EP-079	20F-188	Immune Response Regulation and Tolerance	E-Poster	Giha Kim	Intranuclear Delivery of NR1 for Functional and Transcriptional Regulation of Th17 Cells	Korea, Republic of
EP-080	20F-202	Immune Response Regulation and Tolerance	E-Poster	CHIN HEE MUN	Mesenchymal Stem Cells-derived Secretome Suppresses Chronic Inflammation in Collagen-induced Arthritis Mice	Korea, Republic of

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EP-082	20F-047	Innate Immune Response, Infection and Inflammation	E-Poster	Jang Hyun Park	NR3C1-CXCL8-Neutrophil axis determines the severity of COVID-19	Korea, Republic of
EP-083	20F-050	Innate Immune Response, Infection and Inflammation	E-Poster	Min Young Park	Identification of novel Sca-1+ macrophages generated from lipopolysaccharide-induced sepsis model	Korea, Republic of
EP-084	20F-057	Innate Immune Response, Infection and Inflammation	E-Poster	Hee Young Kim	Indoxyl Sulfate-Mediated Metabolic Alteration of Transcriptome Signatures in Monocytes of Patients with End-Stage Renal Disease (ESRD)	Korea, Republic of
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EP-086	20F-069	Innate Immune Response, Infection and Inflammation	E-Poster	Jin Seok Woo	GRIM19 impedes obesity by regulating the browning of inflammatory white fat and promoting Th17/Treg balance	Korea, Republic of
EP-087	20F-095	Innate Immune Response, Infection and Inflammation	E-Poster	Sung Won Lee	Zwitterionic Chitosan Attenuates Acute Skin Inflammation by Inhibiting Neutrophil Recruitment	Korea, Republic of
EP-088	20F-113	Innate Immune Response, Infection and Inflammation	E-Poster	Seung-Cheon Yang	SMILE improves intestinal inflammation in acute colitis mice model via regulation of IL-17 production and fibrosis	Korea, Republic of
EP-089	20F-117	Innate Immune Response, Infection and Inflammation	E-Poster	Seongju Jeong	Unique Features of Antigen-independently Activated Memory CD8+ T Cells during Influenza A Virus Infection	Korea, Republic of
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EP-091	20F-146	Innate Immune Response, Infection and Inflammation	E-Poster	Eun Ae Yang	Correlation Between Cytokine and Clinical Characteristics in Mycoplasma Pneumoniae Pneumonia in Children	Korea, Republic of
EP-092	20F-149	Innate Immune Response, Infection and Inflammation	E-Poster	Seungwha Paik	Recombinant Proteins of SARS-CoV-2 Induce the Expression of Pro-inflammatory Cytokines/chemokines in Human Peripheral Blood Mononuclear Cells	Korea, Republic of
EP-093	20F-155	Innate Immune Response, Infection and Inflammation	E-Poster	Chang Ung Kim	Influenza virus released nucleoprotein increases replication and pathogenesis of influenza virus by activating TLR2, TLR4, and NLRP3 inflammasome	Korea, Republic of
EP-094	20F-156	Innate Immune Response, Infection and Inflammation	E-Poster	Min-Seok Rha	IFN- $\gamma$ is Produced by PD-1+ Cells among SARS-CoV-2-specific MHC-I Multimer+CD8+ T Cells in Acute and Convalescent COVID-19 Patients	Korea, Republic of
EP-095	20F-162	Innate Immune Response, Infection and Inflammation	E-Poster	kang tae gun	Type I IFNs exacerbate pulmonary immunopathology by regulation of function and migration of Mtb-specific T cells in tuberculosis and LCMV co-infection	Korea, Republic of
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EP-098	20F-169	Innate Immune Response, Infection and Inflammation	E-Poster	SUNGHYUN YOON	Antimicrobial Peptide LL-37 Contributes to The Pathogenesis of Rosacea via Promoting NLRP3-Dependent Inflammasome Activation	Korea, Republic of
EP-099	20F-177	Innate Immune Response, Infection and Inflammation	E-Poster	Ah-Ra Jang	Nod2 Contributes to Host Immune Response in Gastric Epithelial Cells in Response to Helicobacter pylori	Korea, Republic of
EP-100	20F-179	Innate Immune Response, Infection and Inflammation	E-Poster	Young Jae Kim	SIRT3 is Essential for Host Defense through Inhibition of Mitochondrial Reactive Oxygen Species during Infection with Mycobacterium abscessus	Korea, Republic of
EP-101	20F-186	Innate Immune Response, Infection and Inflammation	E-Poster	Prashant Silwal	Role of Mitofusin-2 in Antimicrobial and Inflammatory Responses during Bacterial Infection	Korea, Republic of
EP-102	20F-192	Innate Immune Response, Infection and Inflammation	E-Poster	Su Jeong Lee	Activated Platelets Convert CD14+CD16- into CD14+CD16+ Monocytes with Enhanced Fc $\gamma$ R-mediated Phagocytosis and Skewed M2 Polarization	Korea, Republic of
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EP-104	20F-197	Innate Immune Response, Infection and Inflammation	E-Poster	In Soo Kim	MiR144-3p is Associated with Pathologic Inflammation in the Patients Infected with Mycobacterium abscessus complex	Korea, Republic of
EP-105	20F-198	Innate Immune Response, Infection and Inflammation	E-Poster	S M Shamsul Islam	Interrelationship of Stress, Environment, and Herpes Simplex Virus Type-1 on Behçet's Disease: Using a Mouse Model	Korea, Republic of

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EP-106	20F-061	Mucosal and Regional Immunity	E-Poster	jinjoo Lee	Hepatic CD103+ DCs Play a Key Role in Liver Homeostasis by Controlling Gut Microbiota-Mediated Liver Damages.	Korea, Republic of
EP-107	20F-088	Mucosal and Regional Immunity	E-Poster	Yei Ju Park	Distinct Zinc types differentially changes intestinal immune cell population and tissue remodeling process in piglets	Korea, Republic of
EP-108	20F-144	Mucosal and Regional Immunity	E-Poster	YoungGyun Ko	The Activation of Different Subsets of ILCs in Chronic Rhinosinusitis Depends on The Response to Viral Infections.	Korea, Republic of
EP-109	20F-147	Mucosal and Regional Immunity	E-Poster	Panida Sittipo	Vitamin D3 Enhances Differentiation and Reduces Stemness of Healthy Intestinal Epithelial Cells via an Induction of ER Stress	Korea, Republic of
EP-110	20F-153	Mucosal and Regional Immunity	E-Poster	Jiyoung Kim	Bifidobacteria longum inhibits the development of Rheumatoid Arthritis through induction of regulatory T cells	Korea, Republic of
EP-111	20F-158	Mucosal and Regional Immunity	E-Poster	Jiseon Kim	Propionate Attenuates Cigarette Smoking-induced Emphysema by Regulation of Pro-inflammatory Cytokines	Korea, Republic of
EP-112	20F-200	Tumor and Transplantation Immunology	E-Poster	Stephen Ahn	Compassionate use of the human recombinant IL-7 for restoring lymphopenia as a salvage treatment in patients with recurrent glioblastoma.	Korea, Republic of
EP-113	20F-189	Tumor and Transplantation Immunology	E-Poster	Wonhyoung Seo	Inhibition of Ape1/Ref-1 enhances cell death via regulation of autophagy in colon cancer cell	Korea, Republic of
EP-114	20F-184	Tumor and Transplantation Immunology	E-Poster	Myeong joon Kim	PD-1 Signaling during Early Actiavtion Is Crucial for The Homeostasis and Functionality of Regulatory T Cells in Tumors	Korea, Republic of
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EP-116	20F-180	Tumor and Transplantation Immunology	E-Poster	Mi-Yeon Kim	Cellular Prion Protein Stimulates Invasion And Metastasis of Lung Cancer Through Inducing Regulatory T Cell Development	Korea, Republic of
EP-117	20F-176	Tumor and Transplantation Immunology	E-Poster	HwaPyoung Lee	PRMT1 Regulates c-Fos-mediated AP-1 Activity by Stabilizing c-Fos through Inhibition of Autophagy	Korea, Republic of
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EP-119	20F-174	Tumor and Transplantation Immunology	E-Poster	ChaeYoung Lee	Regulatory Role Of METTL21B By MKK7 Methylation In Gastric Cancer	Korea, Republic of
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EP-122	20F-165	Tumor and Transplantation Immunology	E-Poster	Yuna Chang	The Adjustment of Activation of Group 2 Innate Lymphoid Cells Through Immune Checkpoints Inhibits the Progression of Lung Cancer	Korea, Republic of
EP-123	20F-161	Tumor and Transplantation Immunology	E-Poster	Yongjoon Lee	Terminally-exhausted CD39+CD8+ T cells exert immunosuppressive functions in tumor microenvironment	Korea, Republic of
EP-124	20F-157	Tumor and Transplantation Immunology	E-Poster	IM BOBAE	Induction of Tumor-Specific CTLs Using Tumor-Derived Peptide-Loaded Biodegradable Polymeric Nanoparticles	Korea, Republic of
EP-125	20F-152	Tumor and Transplantation Immunology	E-Poster	Hun Sik Kim	PVR and ICAM-1 on blast crisis CML stem and progenitor cells with TKI resistance confer susceptibility to NK cells	Korea, Republic of
EP-126	20F-139	Tumor and Transplantation Immunology	E-Poster	A Reum Kim	Combined Blockade of TGF-β and PD-1 Restores the Function of Tumor-Infiltrating CD8+ T Cells in Glioblastoma	Korea, Republic of
EP-127	20F-105	Tumor and Transplantation Immunology	E-Poster	ARAM LEE	Mitochondrial transplantation ameliorate pain and cartilage degradation in osteoarthritis (OA)	Korea, Republic of
EP-128	20F-104	Tumor and Transplantation Immunology	E-Poster	Hyun Jin Kim	A Subset of Monocyte-Derived Macrophages Contributes to Antitumor Immune Responses Against Glioblastoma	Korea, Republic of
EP-129	20F-085	Tumor and Transplantation Immunology	E-Poster	sora Kim	Fc-fused IL-7 Mobilizes Long-term HSCs In A Pro-B Cell-dependent Manner And Synergizes With G-CSF And AMD3100	Korea, Republic of
EP-130	20F-066	Tumor and Transplantation Immunology	E-Poster	Hee-Young Yang y ang	Characterization of KLF4-binding interactome in liver disease	Korea, Republic of
EP-131	20F-058	Tumor and Transplantation Immunology	E-Poster	MINKYUNG KO	TIGIT blockade enhances T cell activation via tyrosine phosphorylation of CD226	Korea, Republic of
EP-132	20F-055	Tumor and Transplantation Immunology	E-Poster	Song Jiwon	Characterization of the Role of MFN2 as an Oncogene in Progression of Cervical Cancer	Korea, Republic of
EP-133	20F-042	Tumor and Transplantation Immunology	E-Poster	Min Hwa Shin	The Role of GeneA in Regulating NK Cell Proliferation in Hypoxia	Korea, Republic of
EP-134	20F-033	Tumor and Transplantation Immunology	E-Poster	Jaeyeon Lee	Determination of Immune Escape Mechanisms in B16 Melanomas: The Loss of Epitope Presentation vs. Acquisition of Granzyme B Resistance	Korea, Republic of
EP-135	20F-025	Tumor and Transplantation Immunology	E-Poster	Tae-Yoon Park	Humanized Mouse Model to Test Host Immune Response to iPSC-derived Dopaminergic Cells for Personalized Cell Therapy of Parkinson's Disease.	Korea, Republic of
EP-136	20F-024	Tumor and Transplantation Immunology	E-Poster	DongJun Park	PD-L1 expression of tumor-associated macrophages used as an indicator of nivolumab response in unresectable hepatocellular carcinoma	Korea, Republic of
EP-137	20F-020	Tumor and Transplantation Immunology	E-Poster	Chi-Hyun Cho	Analysis of NGAL, VEGF, and sRAGE in bone marrow supernatant in hematologic malignancies	Korea, Republic of
EP-138	20F-019	Tumor and Transplantation Immunology	E-Poster	Chi-Hyun Cho	Analysis of bone marrow supernatant neutrophil gelatinase-associated lipocalin and hematological parameters in hematologic malignancy	Korea, Republic of

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EP-139	20F-021	Vaccines and Immune Therapeutics	E-Poster	Cheonho Park	Human VISTA Specific Antibody PMC-309 Enhances T Cell Activation Through A Blocking The Interaction Of T Cell And Myeloid-Derived Immuno-Suppressive Cells (MDSC).	Korea, Republic of
EP-140	20F-029	Vaccines and Immune Therapeutics	E-Poster	Wuhwui, An	Identification of anti-SARS-CoV-2 antibody by Using Phage Display Technology	Korea, Republic of
EP-141	20F-036	Vaccines and Immune Therapeutics	E-Poster	Lee Young Eun	Rationally designed redirection of natural killer cells anchoring a cytotoxic ligand for pancreatic cancer treatment	Korea, Republic of
EP-142	20F-043	Vaccines and Immune Therapeutics	E-Poster	Eun-Ju Ko	Adjuvant Effects of Influenza Matrix 1 Protein-Expressing Virus-Like Particle on Vaccine Efficacy and Protection of Influenza Split Vaccines in a CD4-deficient Mice	Korea, Republic of
EP-143	20F-049	Vaccines and Immune Therapeutics	E-Poster	Wuhwui An	Identification of anti-SARS-Cov-2 antibody by Using Phage Display Technology	Korea, Republic of
EP-144	20F-072	Vaccines and Immune Therapeutics	E-Poster	Jeong Hwan Kim	Anti RBD nanobody reactive with SARS CoV 2 neutralizes virus infection	Korea, Republic of
EP-146	20F-084	Vaccines and Immune Therapeutics	E-Poster	Wonick Jang	Current Progress on the Establishment of National Reference Standard for Molecular Size Distribution of Human Immunoglobulin Products in Korea	Korea, Republic of
EP-147	20F-086	Vaccines and Immune Therapeutics	E-Poster	Gihoon You	B7-H3×4-1BB bispecific antibody augments antitumor immunity by enhancing terminally differentiated CD8+ tumor-infiltrating lymphocytes	Korea, Republic of
EP-148	20F-100	Vaccines and Immune Therapeutics	E-Poster	Tae-Young Jung	Adjuvants modulate the function of a branched multi-peptide vaccine in a glioblastoma mouse model	Korea, Republic of
EP-149	20F-102	Vaccines and Immune Therapeutics	E-Poster	Hyungsil Moon	Study on the standardization of the anti-complementary activity test in human plasma-derived intravenous immunoglobulin products	Korea, Republic of
EP-150	20F-123	Vaccines and Immune Therapeutics	E-Poster	Su Hyeon Hwang	Establishment of Immunogenicity Assessment Methods on MERS-CoV Vaccine	Korea, Republic of
EP-151	20F-124	Vaccines and Immune Therapeutics	E-Poster	Daeho Shin	Assignment of Antibody Titers to Reference Serum Panels for Human Papilloma Virus Vaccines	Korea, Republic of
EP-152	20F-141	Vaccines and Immune Therapeutics	E-Poster	sang min park	Cell-based IL-15:IL-15R $\alpha$ secreting vaccine as an effective therapy for CT26 colon cancer in mice	Korea, Republic of
EP-153	20F-143	Vaccines and Immune Therapeutics	E-Poster	sang min park	Interleukin-9 Inhibits Lung Metastasis of Melanoma through Stimulating Anti-Tumor M1 Macrophages	Korea, Republic of
EP-154	20F-145	Vaccines and Immune Therapeutics	E-Poster	Sang-ki Kim	Safety Analysis of Ex Vivo-Expanded Canine Natural Killer Cells in A Xenogeneic Mouse Model of Graft-Versus-Host Disease	Korea, Republic of
EP-155	20F-185	Vaccines and Immune Therapeutics	E-Poster	Pureum Lee	DNA Vaccination with MERS-CoV Nucleocapsid Induces Potent MERS-CoV-Specific Humoral and Cellular Immune Responses Cross-Reactive to SARS-CoV and SARS-CoV-2 Nucleocapsid	Korea, Republic of
EP-156	20F-191	Vaccines and Immune Therapeutics	E-Poster	hyejin kim	Tumor cell vaccine expressing membrane-bound form of IL-7 develops anti-tumor immune response in CT26 colon cancer model	Korea, Republic of
EP-157	20F-196	Vaccines and Immune Therapeutics	E-Poster	JEONG MI LEE	Intratumoral monocyte-derived dendritic cells are essential for the immunological anti-tumor effect of topotecan	Korea, Republic of
EP-158	20F-199	Vaccines and Immune Therapeutics	E-Poster	Sojeong Kim	A Single Administration of Fc-fused Recombinant Human IL-7 Induces an Expansion of T Lymphocytes with Functional Maintenance in Healthy Individuals	Korea, Republic of
EP-159	20F-093	Technical Innovations and Others	E-Poster	Young-Suk KIM	Therapeutic potential of JinAn Red Ginseng in the treatment of chronic obstructive pulmonary disease	Korea, Republic of
EP-160	20F-071	Technical Innovations and Others	E-Poster	Seunghyun Lee	High-Throughput Identification of Specific TCR-Antigen Pairs by Separating and Sequencing Immune Cell Doublet Individually	Korea, Republic of
EP-161	20F-053	Technical Innovations and Others	E-Poster	SeungCheol Lee	A Novel Acylhydrazone Derivative Suppresses Skin Inflammation In Vivo	Korea, Republic of
EP-162	20F-048	Technical Innovations and Others	E-Poster	JEONG HYUN LEE	Application of the IgCw- $\gamma$ 1 $\epsilon$ 2-4/ $\kappa$ composed of the constant domain C $\gamma$ 1 and C $\epsilon$ 2-4	Korea, Republic of