

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10330	Mini Symposium 1	MS1-1	Adult airway diseases	Clinical phenotypes of allergic bronchopulmonary aspergillosis in Japan	Japan
10438	Mini Symposium 1	MS1-2	Adult airway diseases	Validation of new diagnostic criteria for allergic bronchopulmonary aspergillosis	Japan
10617	Mini Symposium 1	MS1-3	Adult airway diseases	Optimal <i>Aspergillus fumigatus</i> and Asp f 1 serum IgG cut-offs for the diagnosis of allergic bronchopulmonary aspergillosis	Japan
10131	Mini Symposium 1	MS1-4	Adult airway diseases	Genetic impact of <i>CDHR3</i> on the adult-onset of asthma and COPD	Japan
10560	Mini Symposium 1	MS1-5	Adult airway diseases	Cough-related referrals in patients with chronic cough	United States of America
10604	Mini Symposium 1	MS1-6	Adult airway diseases	Pathophysiological features of bronchodilator responsive chronic cough	Japan
10302	Mini Symposium 2	MS2-1	Adult asthma	Increased YKL-40 associates with greater airflow limitation in severe asthma: an analysis from the Hokkaido Severe Asthma Cohort Study	Japan
10112	Mini Symposium 2	MS2-2	Adult asthma	Elevated serum free fatty acids may be a risk factor of adult onset asthma: Nagahama Sturdy	Japan
10387	Mini Symposium 2	MS2-3	Adult asthma	Utility of Hull airway reflux questionnaire for the evaluation of clinical features of severe asthma	Japan
10171	Mini Symposium 2	MS2-4	Adult asthma	Clinical characteristics and biomarker for Japanese asthmatic patients with obesity	Japan
10572	Mini Symposium 2	MS2-5	Adult asthma	Type 2 inflammation and lung function in fungal asthma with and without IgE sensitization to <i>Aspergillus fumigatus</i>	Japan
10182	Mini Symposium 2	MS2-6	Adult asthma	Contribution of inflammatory mediators from neutrophils and eosinophils on pulmonary function in elderly patients with asthma	Japan
10482	Mini Symposium 3	MS3-1	Allergic skin diseases	SMAD4-mediated TGF- β signaling suppresses Th1 and Th17 differentiation in the pathogenesis of psoriasis	Republic of Korea
10608	Mini Symposium 3	MS3-2	Allergic skin diseases	SMAD4-mediated chronological T cell regulation in allergic contact dermatitis	Japan
10238	Mini Symposium 3	MS3-3	Allergic skin diseases	Loss of cytoplasmic galectin-10 in eosinophil ETosis-mediated cytotoxicity	Japan
10706	Mini Symposium 3	MS3-4	Allergic skin diseases	Variants of TNFAIP3 gene are associated with psoriasis vulgaris and psoriasis arthritis in a Japanese population	Japan
10072	Mini Symposium 3	MS3-5	Allergic skin diseases	Improved Fc ϵ RI-mediated basophil reactivities reflect rapid-responses to omalizumab in chronic spontaneous urticaria	Japan
10344	Mini Symposium 3	MS3-6	Allergic skin diseases	Effectiveness and safety of icatibant in patients with hereditary angioedema with normal C1-INH levels: Findings from the Icatibant Outcome Survey (IOS)	Brazil
10257	Mini Symposium 4	MS4-1	Allergy prevention and risk factors	Global Asthma Network (GAN): Prevalence of allergic rhinitis and atopic dermatitis and associated factors in Uruguiana's adolescents	Brazil
10160	Mini Symposium 4	MS4-2	Allergy prevention and risk factors	Vegetable dietary pattern may protect mild and persistent allergic rhinitis phenotype in schoolchildren	Republic of Korea
10235	Mini Symposium 4	MS4-3	Allergy prevention and risk factors	Development of sandwich ELISAs for determination of Pru p 3 and Pru p 7	Japan
10374	Mini Symposium 4	MS4-4	Allergy prevention and risk factors	Breastfeeding is a risk factor of egg white sensitization	Japan

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10353	Mini Symposium 4	MS4-5	Allergy prevention and risk factors	Egg introduction with the existence of eczema promotes sensitization to egg at the age of 12 months	Japan
10382	Mini Symposium 4	MS4-6	Allergy prevention and risk factors	Development of a Skin Barrier Meter to measure skin barrier functions: A pilot study in human healthy adults	Japan
10040	Withdrawal				
10417	Mini Symposium 5	MS5-1	Anaphylaxis	Follow-up of 121 patients with wheat-dependent exercise-induced anaphylaxis in China	China
10007	Mini Symposium 5	MS5-2	Anaphylaxis	Difference in ED visits for Anaphylaxis due to Food Allergies between pediatric patients who live in urban and rural areas in the U.S.	Japan
10159	Mini Symposium 5	MS5-3	Anaphylaxis	The prevalence and characteristics of childhood anaphylaxis in Aichi prefecture, Japan	Japan
10533	Mini Symposium 5	MS5-4	Anaphylaxis	IgE-binding patterns to influenza hemagglutinin in IgE-induced adverse reactions after influenza vaccination	Japan
10348	Mini Symposium 5	MS5-5	Anaphylaxis	Fish collagen as a marker for the detection of severe fish allergies	Japan
10558	Withdrawal				
10661	Mini Symposium 5	MS5-6	Anaphylaxis	Assessment of the pharmacokinetics, pharmacodynamics, and safety of low dose intra-nasal epinephrine (ARS-1) with intramuscular by needle-syringe and EpiPen in patients with induced allergic rhinitis	Japan
10215	Mini Symposium 6	MS6-1	Asthma-Basics	Non-neuronal TRPA1 modulates fibroblast-myofibroblast transition in human lung fibroblasts	Japan
10526	Mini Symposium 6	MS6-2	Asthma-Basics	Hyaluronan synthase 2 attenuates airway inflammation and remodeling in an ovalbumin induced chronic mouse model of asthma	Japan
10592	Mini Symposium 6	MS6-3	Asthma-Basics	TLR pathway genes may contribute to asthma in association with upper airway microbiota	Republic of Korea
10030	Mini Symposium 6	MS6-4	Asthma-Basics	TLR pathway genes may contribute to asthma in association with upper airway microbiota	Viet Nam
10124	Mini Symposium 6	MS6-5	Asthma-Basics	Effect of cadherin-related family member 3 on the effector functions of eosinophils	Japan
10090	Mini Symposium 6	MS6-6	Asthma-Basics	<i>ORMDL3/GSDMB</i> genotype as a risk factor for early-onset adult asthma is linked to total serum IgE levels but not to allergic sensitization	Japan
10051	Mini Symposium 7	MS7-1	Atopic dermatitis	Implications of dermal IL-31 from M2 macrophages in itch in murine models of atopic dermatitis	Japan
10197	Mini Symposium 7	MS7-2	Atopic dermatitis	IL-24 has a key role in improving skin barrier dysfunctions via aryl hydrocarbon receptor activation in atopic dermatitis	Japan
10508	Mini Symposium 7	MS7-3	Atopic dermatitis	Stratum corneum squamous cell carcinoma antigen 2 (SCCA2) correlates the severity of atopic dermatitis	Japan
10224	Mini Symposium 7	MS7-4	Atopic dermatitis	Transcriptome analysis of non-invasively collected skin surface lipids provides insights into pathophysiology of atopic dermatitis in infants	Japan
10278	Mini Symposium 7	MS7-5	Atopic dermatitis	Distinct molecular features of nonlesional and lesional skin of atopic dermatitis compared to healthy skin: role of bone morphogenetic protein 6	Switzerland

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10170	Mini Symposium 7	MS7-6	Atopic dermatitis	Relationship between skin barrier condition and regulatory T cell distribution in a mouse model of skin barrier disruption	Japan
10208	Mini Symposium 8	MS8-1	Clinical immunology	Circulating cell free DNA as a biomarker in Eosinophilic granulomatosis with polyangiitis	Japan
10347	Mini Symposium 8	MS8-2	Clinical immunology	Treatment response of peripheral neuropathy associated with eosinophilic granulomatosis with polyangiitis	Japan
10245	Mini Symposium 8	MS8-3	Clinical immunology	Numbers of eosinophils in peripheral blood at disease onset of patients with active eosinophilic granulomatosis with polyangiitis may predict clinical efficacy of mepolizumab	Japan
10455	Mini Symposium 8	MS8-4	Clinical immunology	Long-term safety and effectiveness of berotralstat (BCX7353) for the prophylaxis of hereditary angioedema (HAE) attacks: Results from the APeX-S study	Hong Kong
10256	Mini Symposium 8	MS8-5	Clinical immunology	Comparison of consultation behavior at acute attacks before and after prescription of bradykinin B2 receptor antagonist (Icatibant) in patients with hereditary angioedema	Japan
10405	Mini Symposium 8	MS8-6	Clinical immunology	Characterization of the biomarkers affecting the clinical course and outcomes of juvenile dermatomyositis	Taiwan
10670	Mini Symposium 9	MS9-1	Drug hypersensitivity	Exosomes from drug-induced Stevens-Johnson Syndrome/Toxic Epidermal Necrolysis can induce keratinocyte cell death	Thailand
10551	Mini Symposium 9	MS9-2	Drug hypersensitivity	A novel Q-probe method for the detection of specific HLA directly from blood samples in drug hypersensitivity patients	Japan
10603	Mini Symposium 9	MS9-3	Drug hypersensitivity	The prevalence and features of systemic hypersensitivity reactions to drug skin prick tests	Republic of Korea
10288	Mini Symposium 9	MS9-4	Drug hypersensitivity	Diagnosis of non-immediate hypersensitivity reactions to amoxicillin in children using a skin test and drug provocation test	Japan
10046	Mini Symposium 9	MS9-5	Drug hypersensitivity	Prevalence, incidence and sensitization patterns of beta-lactam allergy in Hong Kong	Hong Kong
10691	Mini Symposium 9	MS9-6	Drug hypersensitivity	The growing dilemma of piperacillin-tazobactam allergies: an exception to usual penicillin allergy testing	Hong Kong
10401	Mini Symposium 10	MS10-1	Food allergy-allergen and IgE	Effects of different cooking methods on grass carp allergens	Hong Kong
10123	Mini Symposium 10	MS10-2	Food allergy-allergen and IgE	Serologic evaluation of the allergenicity of ω -5 gliadins deficiency wheat cultivar extracts	Republic of Korea
10176	Mini Symposium 10	MS10-3	Food allergy-allergen and IgE	IgE-reactivity against gilthead seabream (<i>Sparus aurata</i>)	Portugal
10259	Mini Symposium 10	MS10-4	Food allergy-allergen and IgE	Expression analysis of gibberellin-regulated protein in fruits and vegetables by real-time PCR	Japan
10114				Withdrawal	
10305	Mini Symposium 10	MS10-6	Food allergy-allergen and IgE	Cross-allergenicity of crustacean and the edible insect <i>Gryllus bimaculatus</i> in patients with shrimp allergy	Japan
10414	Mini Symposium 11	MS11-1	Food allergy-clinical aspects 1	Gut microbiome alterations in patients with wheat-dependent exercise-induced anaphylaxis	China
10234	Mini Symposium 11	MS11-2	Food allergy-clinical aspects 1	Decreased butyric acid-producing bacteria in the gut microbiome of children with egg allergy	Japan
10392	Mini Symposium 11	MS11-3	Food allergy-clinical aspects 1	Microbiome analysis for food allergy in Japanese population	Japan

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10183	Mini Symposium 11	MS11-4	Food allergy-clinical aspects 1	Effect of allergic profiles on baseline urinary prostaglandin D2 metabolites	Japan
10132	Mini Symposium 11	MS11-5	Food allergy-clinical aspects 1	Neonatal intensive care unit demographics and subsequent development of food allergy	United States of America
10166	Mini Symposium 11	MS11-6	Food allergy-clinical aspects 1	Association between cow's milk protein intake and risk for cow's milk allergy: a prospective observation study	Japan
10246	Mini Symposium 12	MS12-1	Food allergy-clinical aspects 2	Characteristics of fish-allergic patients in Hong Kong	Hong Kong
10361	Mini Symposium 12	MS12-2	Food allergy-clinical aspects 2	More than two third of shrimp allergy children acquire tolerance at 10 years of age	Japan
10337	Mini Symposium 12	MS12-3	Food allergy-clinical aspects 2	Is it more difficult to induce oral tolerance in cow's milk allergy than in hen's egg allergy?	Japan
10677	Mini Symposium 12	MS12-4	Food allergy-clinical aspects 2	Investigation of the optimal medium-dose egg oral food challenge method in children with positive ovomucoid-specific IgE	Japan
10231	Mini Symposium 12	MS12-5	Food allergy-clinical aspects 2	The prevalence and risk factors of peanut allergy of children and adults in Taiwan	Taiwan
10133	Mini Symposium 12	MS12-6	Food allergy-clinical aspects 2	Most of the hazel nut sensitized children do not evoke symptoms: From the results of 39 oral food challenge tests	Japan
10168	Mini Symposium 13	MS13-1	Food allergy-clinical aspects 3	Sensitization to Cry j 1 at 5 years age and male sex are associated with sensitization to Mal d 1 at 13 years	Japan
10128	Mini Symposium 13	MS13-2	Food allergy-clinical aspects 3	Pollen-food allergy syndrome (PFAS) in adolescents:a Birth Cohort (T-Child Study)	Japan
10404	Mini Symposium 13	MS13-3	Food allergy-clinical aspects 3	Sensitization rate for Gibberellin-Regulated Protein (GRP) in Patients with Japanese Cedar Pollen Allergy	Japan
10071	Mini Symposium 13	MS13-4	Food allergy-clinical aspects 3	Comparison of pollen and pollen fruit allergy syndrome in Eastern Asia's three cities	DPR of Korea
10444	Mini Symposium 13	MS13-5	Food allergy-clinical aspects 3	Cross-reactivity between salmon roe and pollock roe allergens	Japan
10585	Mini Symposium 13	MS13-6	Food allergy-clinical aspects 3	Double-blind, placebo-controlled food challenges with apple in pollen-food allergy syndrome patients	Japan
10080	Mini Symposium 14	MS14-1	Food allergy-GI and mechanisms	Cluster analysis using a diagnostic panel of serum multiple allergen-specific immunoglobulin E in patients with eosinophilic esophagitis	Japan
10461	Mini Symposium 14	MS14-2	Food allergy-GI and mechanisms	Analysis of causative antigens in mice food allergy model by percutaneous sensitization of hydrolyzed wheat protein	Japan
10076	Mini Symposium 14	MS14-3	Food allergy-GI and mechanisms	Food protein-induced enterocolitis syndrome due to egg yolk and egg white in Japanese infants	Japan
10272	Mini Symposium 14	MS14-4	Food allergy-GI and mechanisms	Chitinase 3-like 1 contributes to food allergy via M2 macrophage polarization	Republic of Korea
10484	Mini Symposium 14	MS14-5	Food allergy-GI and mechanisms	Gene expression in in vitro-stimulated whole blood aids in the diagnosis of non-IgE-mediated gastrointestinal food allergies	Japan
10109	Mini Symposium 14	MS14-6	Food allergy-GI and mechanisms	Serum IL-2 and IL-10 levels overshoot in acute food protein-induced enterocolitis syndrome	Japan
10190	Mini Symposium 15	MS15-1	Food allergy-immunotherapy	Comparison of 3-year outcomes of wheat OIT between low dose and high dose	Japan

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10258	Mini Symposium 15	MS15-2	Food allergy-immunotherapy	Sustained unresponsiveness: How long should oral immunotherapy be continued?	Japan
10152				Withdrawal	
10212	Mini Symposium 15	MS15-4	Food allergy-immunotherapy	Establishment of sustained unresponsiveness to food allergens by oral immunotherapy is prevented by inhibition of Notch signaling	Japan
10517	Mini Symposium 15	MS15-5	Food allergy-immunotherapy	Immunotherapy with hypoallergen nanoplasmid DNA vaccine in a mouse model of shrimp hypersensitivity	Hong Kong
10561	Mini Symposium 15	MS15-6	Food allergy-immunotherapy	Epicutaneous immunotherapy for severe milk allergy utilizing a novel antigen delivery device: a double-blind placebo-controlled pilot study	Japan
10213	Mini Symposium 16	MS16-1	Immunotherapy	Disease modifying effects of Japanese cedar pollen sublingual immunotherapy tablets in patients with Japanese cedar pollinosis: A randomized, double-blind, placebo-controlled	Japan
10403	Mini Symposium 16	MS16-2	Immunotherapy	Role of whole saliva in the efficacy of sublingual immunotherapy in seasonal allergic rhinitis	Japan
10514	Mini Symposium 16	MS16-3	Immunotherapy	Pronounced IgE- and T-cell cross-reactivity towards birch homologous tree pollen allergens confirmed by changes in IgE and IgG4 antibody responses during SQ tree SLIT-tablet	Denmark
10017	Mini Symposium 16	MS16-4	Immunotherapy	An inhibitory factor for mast cell degranulation induced by sublingual immunotherapy	Japan
10552	Mini Symposium 16	MS16-5	Immunotherapy	The Immunological Annexin-Checkpoint-System for the Treatment of Allergy	Germany
10356	Mini Symposium 16	MS16-6	Immunotherapy	Efficacy and safety analysis of standardized dust mite specific subcutaneous immunotherapy	China
10336	Mini Symposium 17	MS17-1	Mechanisms of asthma	Cellular and molecular crosstalk in the development of allergic airway inflammation	Japan
10296	Mini Symposium 17	MS17-2	Mechanisms of asthma	TNFSF14 (LIGHT) Induces Sustained Airway Smooth Muscle Contractility via non-canonical NFκB signaling	United States of America
10102	Mini Symposium 17	MS17-3	Mechanisms of asthma	TLR9/IL-2 axis enhances Th2 activation and exacerbates HDM-induced allergic asthma by preventing IL-17A hyperproduction	Japan
10174	Mini Symposium 17	MS17-4	Mechanisms of asthma	Microbiome contribute to increase pulmonary response to ozone in obese mice	Japan
10465	Mini Symposium 17	MS17-5	Mechanisms of asthma	STING promotes IgE production in HDM-induced allergic asthma	Japan
10073	Mini Symposium 17	MS17-6	Mechanisms of asthma	Enhanced airway hyperresponsiveness in a mouse model of asthma with A(H1N1)pdm09 infection	Japan
10673	Mini Symposium 18	MS18-1	Novel aspect of development and treatment of allergic diseases	Analysis of novel hygiene hypothesis model using spontaneous atopic dermatitis mice	Japan
10500	Mini Symposium 18	MS18-2	Novel aspect of development and treatment of allergic diseases	Topical administration of particulate pollens induces IL-33- and mast cell-dependent eosinophilic conjunctivitis in mice	Japan
10248	Mini Symposium 18	MS18-3	Novel aspect of development and treatment of allergic diseases	Glucagon-like peptide 1 receptor agonist treatment inhibits allergic innate immunity-induced eosinophilic and neutrophilic inflammation in a polygenic obese mouse model	United States of America
10207	Mini Symposium 18	MS18-4	Novel aspect of development and treatment of allergic diseases	The Non-Antibiotic Macrolide EM900 attenuates HDM-induced airway inflammation in Obese Asthma Model	Japan
10649	Mini Symposium 18	MS18-5	Novel aspect of development and treatment of allergic diseases	IL4R is a susceptibility locus associated with total IgE levels in Japanese population	Japan

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10568	Mini Symposium 18	MS18-6	Novel aspect of development and treatment of allergic diseases	Novel effect and mechanism of a steroid alkaloid derivative O2F04 on thymic stromal lymphopoietin production in PAM212 cells	China
10091	Mini Symposium 19	MS19-1	Pediatric asthma 1	Comparison of allergic march with 20 year interval	Japan
10049	Mini Symposium 19	MS19-2	Pediatric asthma 1	Development of a wheeze recognition algorithm for practical implementation in children and validation in USA and Japan	Japan
10512	Mini Symposium 19	MS19-3	Pediatric asthma 1	Atopic dermatitis phenotypes in children have distinctive wheezing trajectories	Republic of Korea
10157	Mini Symposium 19	MS19-4	Pediatric asthma 1	Association between Der p 23 and asthma in children sensitized to house dust mite	Japan
10253	Mini Symposium 19	MS19-5	Pediatric asthma 1	The effect of sensitization to house dust mite on the asthma development is modified by TNF- α (rs1800629) polymorphism	Republic of Korea
10303	Mini Symposium 19	MS19-6	Pediatric asthma 1	Novel lipid antivirals protect against human Rhinovirus-C infection	United States of America
10309	Mini Symposium 20	MS20-1	Pediatric asthma 2	PM10 exposure during pregnancy increases the risk of childhood asthma modified by gender and genotype	Republic of Korea
10647	Mini Symposium 20	MS20-2	Pediatric asthma 2	Prevalence and time trends of allergic disease among Japanese children: Interpretation of T helper 2 biomarker levels for clinical applications	Japan
10712	Mini Symposium 20	MS20-3	Pediatric asthma 2	Airway mechanics after withdrawal of a leukotriene receptor antagonist in children with mild-persistent asthma: double blind, randomized, cross-over study	Republic of Korea
10294	Mini Symposium 20	MS20-4	Pediatric asthma 2	Global Asthma Network (GAN): Factors Associated with Asthma in adolescents living in Uruguaiana, Brazil	Brazil
10154	Mini Symposium 20	MS20-5	Pediatric asthma 2	Pharyngeal Streptococcus pneumoniae colonization in acute exacerbations of childhood bronchial asthma is associated with shorter duration of wheezing and lower levels of serum	Japan
10069	Mini Symposium 20	MS20-6	Pediatric asthma 2	Role of Eosinophil and Neutrophils on Lung Function and Prognosis in Children with Acute Asthma Exacerbation	Republic of Korea
10582	Mini Symposium 21	MS21-1	Pollinosis	Genome-wide association for pollen allergen sensitization using the dataset of an adult general population	Japan
10180	Mini Symposium 21	MS21-2	Pollinosis	Effect of Lactobacillus plantarum YIT 0132 on Japanese cedar pollinosis and regulatory T cells in adults	Japan
10467	Mini Symposium 21	MS21-3	Pollinosis	Latent 1,3- β -D-glucan acts as an adjuvant for allergen-specific IgE production induced by Japanese cedar pollen exposure	Japan
10522	Mini Symposium 21	MS21-4	Pollinosis	Clinical implications of Phl p1/5 and Ole e1 sensitization in patients with positive skin prick tests to grass and olive tree pollen	Portugal
10105	Mini Symposium 21	MS21-5	Pollinosis	Relationship between body mass index and the prevalence of seasonal allergic rhinitis	Japan
10380	Mini Symposium 21	MS21-6	Pollinosis	PUF60, a possible drug discovery target for the therapy of pollinosis by suppressing nuclear factor of activated T-cells signaling	Japan
10138	Mini Symposium 22	MS22-1	Regulation of immune cells	Monocyte-derived M2-like macrophages induced by activated basophils dampen IL-1 α -mediated aggravation of allergic inflammation	Japan
10285	Mini Symposium 22	MS22-2	Regulation of immune cells	Differential lipid recognition by mouse versus human CD300f, inhibiting IgE- and mast cell-dependent anaphylaxis, depends on a single amino acid substitution in its immunoglobulin-	Japan
10163	Mini Symposium 22	MS22-3	Regulation of immune cells	Mast cell derived PGD ₂ reduces honeybee venom absorption in mice	Japan

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10339	Mini Symposium 22	MS22-4	Regulation of immune cells	A Monoclonal Antibody to Siglec-8 Inhibits IgE/FcεRI Mast Cell Activation by Suppressing Downstream Intracellular Signaling through ITIM Induction	United States of America
10483	Mini Symposium 22	MS22-5	Regulation of immune cells	miR103a-3p in extracellular vesicles derived from human mast cells following aggregation of FcεRI enhances IL-5 production from IL-33-stimulated type2 innate lymphoid cells via	Japan
10701	Mini Symposium 22	MS22-6	Regulation of immune cells	P2Y6 receptor signal by the UDP stimulation increases cAMP and IP1 in human basophils.	Japan
10287	Mini Symposium 23	MS23-1	Rhinosinusitis 1	Local steroid insensitivity in refractory eosinophilic airway inflammation	Japan
10086	Mini Symposium 23	MS23-2	Rhinosinusitis 1	The role of semaphorins in allergic diseases and their therapeutic implications in eosinophilic chronic rhinosinusitis	Japan
10481	Mini Symposium 23	MS23-3	Rhinosinusitis 1	Comparison of clinical characteristics of the nasal manifestations of eosinophilic granulomatosis with polyangiitis (EGPA) and eosinophilic chronic rhinosinusitis (ECRS)	Japan
10624	Mini Symposium 23	MS23-4	Rhinosinusitis 1	Anti-inflammatory effects of 17,18-epoxyeicosatetraenoic acid and its metabolite on IL-33-induced innate eosinophilic inflammation in upper airway	Japan
10723	Mini Symposium 23	MS23-5	Rhinosinusitis 1	A nomogram combining objective inflammatory biomarkers for prediction of recurrence of postoperative chronic rhinosinusitis with nasal polyps	China
10153	Mini Symposium 23	MS23-6	Rhinosinusitis 1	Association between the NOS2 pentanucleotide repeat polymorphism and risk of postoperative recurrence of chronic rhinosinusitis with nasal polyps in a Japanese	Japan
10470	Mini Symposium 24	MS24-1	Rhinosinusitis 2	The role of DUOX1 in the productions of epithelial-derived cytokines in eosinophilic chronic rhinosinusitis	Japan
10232	Mini Symposium 24	MS24-2	Rhinosinusitis 2	TGF-β1-induced HSP47 regulates extracellular matrix accumulation via Smad2/3 signaling pathways in nasal fibroblasts	Republic of Korea
10240	Mini Symposium 24	MS24-3	Rhinosinusitis 2	More severe ECRS patients produce more TSLP in the paranasal sinus mucosa	Japan
10338				Withdrawal	
10284				Withdrawal	
10431	Mini Symposium 24	MS24-6	Rhinosinusitis 2	Metabolomics of lipid mediator in nasal polyps with eosinophilic chronic rhinosinusitis by Liquid chromatography mass spectrometry (LC-MS)	Japan
10184	Mini Symposium 25	MS25-1	Treatment for adult asthma 1	Evaluation of expiratory capacity with severe asthma following bronchial thermoplasty	Japan
10599	Mini Symposium 25	MS25-2	Treatment for adult asthma 1	Evaluation Of Biomarkers Among Patients Undergoing Bronchial Thermoplasty	Japan
10281	Mini Symposium 25	MS25-3	Treatment for adult asthma 1	Whole blood gene expression profiling in severe asthma patients treated with benralizumab	Japan
10616	Mini Symposium 25	MS25-4	Treatment for adult asthma 1	The effectiveness of mepolizumab for peripheral neurological symptoms in eosinophilic granulomatosis with polyangiitis	Japan
10385	Mini Symposium 25	MS25-5	Treatment for adult asthma 1	Changes of lower airway mucus plugs after administration of biologics and its clinical impacts in severe asthma	Japan
10355	Mini Symposium 25	MS25-6	Treatment for adult asthma 1	Effect of dupilumab in asthma patients with serologic evidence of allergic bronchopulmonary aspergillosis	Japan
10022	Mini Symposium 26	MS26-1	Treatment for adult asthma 2	Efficacy of probiotics administration in patients with uncontrolled asthma: a randomized placebo controlled trial	Thailand

Abstract ID	Session Number	Abstract No.	Session	Abstract Title	Country
10141	Mini Symposium 26	MS26-2	Treatment for adult asthma 2	Can we predict response of refractory asthmatic cough to Tiotropium? :a randomized prospective study	Japan
10664	Mini Symposium 26	MS26-3	Treatment for adult asthma 2	Efficacy of single inhaler, once-daily indacaterol/glycopyrronium/mometasone furoate in inadequately controlled asthma: a post-hoc Asian population analysis of the IRIDIUM study	Japan
10275	Mini Symposium 26	MS26-4	Treatment for adult asthma 2	Long-term safety of once-daily single inhaler triple therapy with fluticasone furoate/umeclidinium/vilanterol in Japanese patients with asthma: a Phase III open-label	Japan
10595	Mini Symposium 26	MS26-5	Treatment for adult asthma 2	Clinical features of asthma patients with high-intensity treatment based on questionnaire survey in Niigata, Japan	Japan
10025	Mini Symposium 26	MS26-6	Treatment for adult asthma 2	Adjunctive vitamin d2 supplement improved clinical response and lung function in patients with allergen-specific immunotherapy; a randomized, double-blinded, placebo-controlled	Thailand