

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10004	Poster Session 1	PE1-1	Adult airway diseases	Efficacy and safety of levamisole as an immunodulator in the treatment of drug resistant tuberculosis	India
10057	Poster Session 1	PE1-2	Adult airway diseases	Clinical usefulness of serum and sputum YKL-40 in the management of asthma, ACO and COPD	Japan
10203	Poster Session 1	PE1-3	Adult airway diseases	Exacerbation clusters demonstrate asthma and chronic obstructive pulmonary disease (COPD) overlap with distinct phenotypes	Japan
10289	Poster Session 1	PE1-4	Adult airway diseases	Anti-allergy medication utilization in patients with Chronic Cough	United States of America
10299	Poster Session 1	PE1-5	Adult airway diseases	Burden of Persistent Chronic Cough in Adults in a Large Managed Care Organization	United States of America
10434	Poster Session 1	PE1-6	Adult airway diseases	Degree of skin moisture in allergic diseases varies according to complication of airway diseases	Japan
10538	Poster Session 1	PE1-7	Adult airway diseases	Baseline characteristics from Phase 3, randomized controlled trials (COUGH-1 and COUGH-2) of gefapixant, a P2X3 receptor antagonist, in refractory or unexplained chronic cough	United States of America
10711	Poster Session 1	PE1-8	Adult airway diseases	Allergen avoidance clinical trial: correlation of symptom scores between 4 and 6 point scoring systems	Bulgaria
10715	Poster Session 1	PE1-9	Adult airway diseases	Comparison of diffusion capacity and bronchodilator responsiveness testing in Vietnamese patients with persistent airway obstruction	Viet Nam
10039	Poster Session 1	PE1-10	Adult airway diseases	Role of reactive persulfides in influenza A virus-induced oxidative stress	Japan
10041	Poster Session 1	PE1-11	Adult airway diseases	Evaluation of mucus plugs and bronchial wall thickening on three-dimensional computed tomography in patients with unexplained chronic cough whose sputum yielded filamentous	Japan
10175	Poster Session 1	PE1-12	Adult airway diseases	Blood eosinophils at the stable period are a biomarker of frequent exacerbation for Japanese patients with COPD	Japan
10261	Poster Session 1	PE1-13	Adult airway diseases	The disease burden and quality of life of chronic cough patients in Japan	Japan
10510	Poster Session 1	PE1-14	Adult airway diseases	Roles of sensitization to Staphylococcal enterotoxin in patients with bronchiectasis	Japan
10575	Poster Session 1	PE1-15	Adult airway diseases	dsRNA and Staphylococcal enterotoxin B induces opposite inflammatory reactivity in epithelial cell	Republic of Korea
10576	Poster Session 1	PE1-16	Adult airway diseases	THP-1 derived macrophage shows different responses to polyI:C and Staphylococcal enterotoxin	Republic of Korea
10658	Poster Session 1	PE1-17	Adult airway diseases	Complication of malignancy in patients with allergic bronchopulmonary aspergillosis	Japan
10671	Poster Session 1	PE1-18	Adult airway diseases	Investigation of the number of oral bacteria and the conditions of asthma, COPD, and ACO	Japan
10716	Poster Session 1	PE1-19	Adult airway diseases	Anti-Aspergillus fumigatus response in stable patients with bronchiectasis	Ukraine

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10012	Poster Session 2	PE2-1	Adult asthma 1	Clinical usefulness of fractional exhaled nitric oxide measurement for diagnosing prolonged cough in daily practice	Japan
10024	Poster Session 2	PE2-2	Adult asthma 1	Analysis of the frequency and interest of tweet including "asthma" and "attack" in Japanese Twitter users	Japan
10064	Poster Session 2	PE2-3	Adult asthma 1	The characteristics of refractory asthma who required admission for asthma exacerbation	Japan
10308	Poster Session 2	PE2-4	Adult asthma 1	Analysis of elderly asthma in Japan using NHOM-Asthma data	Japan
10367	Poster Session 2	PE2-5	Adult asthma 1	Complication rates of sleep apnea syndrome in Complication rates of sleep apnea syndrome in bronchial asthma-Usefulness of ESS-	Japan
10384	Poster Session 2	PE2-6	Adult asthma 1	Impact of coexisting COPD on mortality in patients with corticosteroid-dependent asthma	Republic of Korea
10391	Poster Session 2	PE2-7	Adult asthma 1	Decline of lung function in adults with a history of childhood asthma	Japan
10487	Poster Session 2	PE2-8	Adult asthma 1	Variability in airway responsiveness assessed by the Astograph method	Japan
10548	Poster Session 2	PE2-9	Adult asthma 1	Utility of R5-20 of MostGraph for outpatients of adult asthma in a clinic	Japan
10620	Poster Session 2	PE2-10	Adult asthma 1	"Recurrent episodes of prolonged cough" is a useful medical history to distinguish between post-infectious cough (PIC) and cough variant asthma (CVA) for diagnosis	Japan
10634	Poster Session 2	PE2-11	Adult asthma 1	Exercise-induced bronchoconstriction (EIB) confirmed by arm ergometry exercise with exhaled gas analyses in respiratory diseases	Japan
10665	Poster Session 2	PE2-12	Adult asthma 1	Ten-year trends in the prevalence of allergic diseases and their associated factors in young adults: analysis of the Hokkaido University students	Japan
10680	Poster Session 2	PE2-13	Adult asthma 1	Clinical characteristics of patients with not well-controlled severe asthma	Japan
10696	Poster Session 2	PE2-14	Adult asthma 1	Correlations of forced oscillometric bronchodilator response with airway inflammation and disease duration in asthma	Japan
10021	Poster Session 3	PE3-1	Adult asthma 2	IL-13/15-lipoxygenase-1 axis drives intracellular glutathione oxidation in asthmatic airway epithelial cells	Japan
10094	Poster Session 3	PE3-2	Adult asthma 2	The single nucleotide polymorphism (SNP) rs1799971 in the μ -opioid receptor gene (<i>OPRM1</i>) is a novel risk factor for asthma exacerbation	Japan
10139	Poster Session 3	PE3-3	Adult asthma 2	Cadherin related family member 3 activates the effector functions of neutrophils	Japan
10306	Poster Session 3	PE3-4	Adult asthma 2	T-cell death-associated gene 8 is a new biomarker for the severity and the exacerbation in bronchial asthma	Japan
10466	Withdrawal				

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10489	Poster Session 3	PE3-5	Adult asthma 2	TRPA1 channel mediates cold air-induced aggravation of airway inflammation	Japan
10088	Poster Session 3	PE3-6	Adult asthma 2	Cooperative effect of type 2 inflammatory mediators on pulmonary function in patients with severe asthma	Japan
10148	Poster Session 3	PE3-7	Adult asthma 2	Cytokine profile in patients with asthma attack	Japan
10169	Poster Session 3	PE3-8	Adult asthma 2	Changes of the levels of Eosinophil-Derived Protein in Sputum with Response to Benralizumab in Patients with Severe Asthma	Japan
10295	Poster Session 3	PE3-9	Adult asthma 2	Global Asthma Network (GAN): Factors Associated with Asthma in Parents / Caregivers of Adolescents Living in Uruguaiana, Brazil	Brazil
10300	Poster Session 3	PE3-10	Adult asthma 2	The relationship between high blood eosinophil count in asthma and metabolic condistions	Japan
10390	Poster Session 3	PE3-11	Adult asthma 2	Gender-specific impact of obesity on type 2 inflammation in adults with asthma	Japan
10428	Poster Session 3	PE3-12	Adult asthma 2	Effect of fungal sensitization on the relationship between total serum IgE and type 2 inflammation in adults with allergic asthma	Japan
10010	Withdrawal				
10048	Poster Session 4	PE4-2	Air pollution and environmental allergens	Identification and immunochemical characterization of aeroallergens from <i>Penicillium oxalicum</i>	India
10066	Poster Session 4	PE4-3	Air pollution and environmental allergens	Serological Analysis for IgE against the Booklice <i>Liposcelis bostrychophila</i> , a Common Indoor Insect Pest, Using Recombinant Allergen Components	Japan
10266	Poster Session 4	PE4-4	Air pollution and environmental allergens	Ultrafine particles change profilin-1 and cofilin-1 in human lung microvascular endothelial cells	Republic of Korea
10270	Poster Session 4	PE4-5	Air pollution and environmental allergens	Effect of different architectural styles and ventilation systems on seasonal changes of mite allergen (Der 1) levels in houses	Japan
10408	Poster Session 4	PE4-6	Air pollution and environmental allergens	Allergen sensitization pattern in a Japanese general adult population	Japan
10419	Poster Session 4	PE4-7	Air pollution and environmental allergens	Profile of house dust and storage mite sensitization in the Lithuanian population	Lithuania
10460	Poster Session 4	PE4-8	Air pollution and environmental allergens	The search for polycyclic aromatic quinones with amplifying action in antigen response	Japan
10463	Poster Session 4	PE4-9	Air pollution and environmental allergens	Change in allergen sensitization prevalence in Japan between 2005 and 2017	Japan
10491	Poster Session 4	PE4-10	Air pollution and environmental allergens	Two novel allergic proteins which induce allergic asthma, from the Octocoral	Japan
10523	Poster Session 4	PE4-11	Air pollution and environmental allergens	The structure of sensitization to different allergen extracts and molecules among patients with asthma in Dnipro, Ukraine	Ukraine

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10539	Poster Session 4	PE4-12	Air pollution and environmental allergens	Animal epithelial allergen hypersensitivity and correlation of clinical symptoms	Mongolia
10638	Poster Session 4	PE4-13	Air pollution and environmental allergens	New dot-blot methods for evaluating the effect of inactivators on mite and Japanese cedar pollen allergens	Japan
10645	Poster Session 4	PE4-14	Air pollution and environmental allergens	Effect of Asian dust on respiratory symptoms among children with and without asthma, and their sensitivity	Japan
10700	Poster Session 4	PE4-15	Air pollution and environmental allergens	Link between air pollution and food allergy prevalence	United States of America
10070	Poster Session 5	PE5-1	Allergy prevention and risk factors	Metal patch testing at Fukuoka University from 2014 to 2019: The real world for preoperative tests	Japan
10081	Poster Session 5	PE5-2	Allergy prevention and risk factors	Profile of Allergy: the National Picture in Vietnam	Viet Nam
10099	Poster Session 5	PE5-3	Allergy prevention and risk factors	Is the widespread use of paracetamol (acetaminophen) a major cause in the development of allergic diseases, especially food, in the world?	France
10185	Poster Session 5	PE5-4	Allergy prevention and risk factors	Serum vitamin D levels mitigate fractional nitric oxide changes linked to Bisphenol A	Republic of Korea
10251	Poster Session 5	PE5-5	Allergy prevention and risk factors	Comparative proteomics analysis reveals the effect of phulorotannin from <i>Sargassum carpophyllum</i> on activation mast cells	Japan
10346	Poster Session 5	PE5-6	Allergy prevention and risk factors	Factors associated with prolonged egg allergy in children: A retrospective cohort study.	Japan
10393	Poster Session 5	PE5-7	Allergy prevention and risk factors	Early-life skin barrier function and eczema development in Chinese infants	Hong Kong
10477	Poster Session 5	PE5-8	Allergy prevention and risk factors	Gut microbiome in early life may predispose to food sensitization in infants with atopic dermatitis	Republic of Korea
10528	Poster Session 5	PE5-9	Allergy prevention and risk factors	Impact of vitamin D deficiency on development and current symptom of allergic diseases	Japan
10529	Poster Session 5	PE5-10	Allergy prevention and risk factors	Kawasaki disease, specific intractable diseases and cancers in Japan began to increase in their occurrence during 1978-86, and are categorized as pollen diseases	Japan
10587	Poster Session 5	PE5-11	Allergy prevention and risk factors	Characteristics of Atopic Dermatitis in Vietnamese children - A web-based survey	Viet Nam
10611	Poster Session 5	PE5-12	Allergy prevention and risk factors	Surgery in early infancy and the development of food allergies	Japan
10643	Withdrawal				
10668	Poster Session 5	PE5-13	Allergy prevention and risk factors	Infant-onset atopic dermatitis and food allergies are risk factors for environmental, animal, and pollen allergen sensitization by age 2.5	Japan
10675	Poster Session 5	PE5-14	Allergy prevention and risk factors	Association between blood eosinophil-derived neurotoxin levels and the onset of allergic disease in preschool children	Japan

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10722	Poster Session 5	PE5-15	Allergy prevention and risk factors	MFGMs supplementation in milk formulas - a systematic review of randomized controlled trials with meta-analysis	Poland
10327	Poster Session 6	PE6-1	Anaphylaxis	A case of occupational anaphylaxis caused by beer allergy	Japan
10565	Poster Session 6	PE6-2	Anaphylaxis	A case in Japan of anaphylactic shock to mustard in an oral food challenge	Japan
10026	Poster Session 6	PE6-3	Anaphylaxis	Anaphylactic shock with cardiac arrest induced by intravenous administration of metamizole sodium during laparoscopic cholecystectomy	Yugoslavia
10227	Poster Session 6	PE6-4	Anaphylaxis	A case of anaphylaxis after ingestion of alcohol beverages	Japan
10313	Poster Session 6	PE6-5	Anaphylaxis	A 15-year-old female with recurrent episodes of anaphylaxis to the genus Allium : A case report	Japan
10319	Poster Session 6	PE6-6	Anaphylaxis	Fasting-induced anaphylaxis: a case report	Japan
10342	Poster Session 6	PE6-7	Anaphylaxis	A case of abalone anaphylaxis in which skin prick test (SPT), basophil activation test (BAT) and oral food challenge (OFC) were useful for diagnosis	Japan
10349	Poster Session 6	PE6-8	Anaphylaxis	Simultaneous onset of oral mite anaphylaxis in siblings after ingesting tacos	Japan
10407	Poster Session 6	PE6-9	Anaphylaxis	A case of milk allergy that once acquired complete tolerance, but anaphylaxis began to develop later even with a small dose	Japan
10411	Poster Session 6	PE6-10	Anaphylaxis	A case of allergy to barley, beer and wheat-dependent exercise-induced anaphylaxis	Japan
10547	Poster Session 6	PE6-11	Anaphylaxis	A case of prick-to-prick test induced anaphylaxis in a patient with potato allergy	Japan
10578	Poster Session 6	PE6-12	Anaphylaxis	A Case of Anaphylaxis to Measles-Mumps-Rubella(MMR) vaccine in an Infant with Cow's Milk Allergy	Thailand
10669	Poster Session 6	PE6-13	Anaphylaxis	Two cases of onion-induced anaphylaxis	Japan
10412	Poster Session 6	PE6-14	Anaphylaxis	The changes in patterns of anaphylaxis over 10 years and the risk factors of severe anaphylactic reactions	Republic of Korea
10430	Poster Session 6	PE6-15	Anaphylaxis	Pediatric Anaphylaxis: Clinical features, inducers and treatment in Latin America and Spain	Argentina
10443	Poster Session 6	PE6-16	Anaphylaxis	A prefecture-wide survey on the management of anaphylaxis in public schools	Japan
10452	Poster Session 6	PE6-17	Anaphylaxis	Safety of prescription of an Adrenaline auto-injector at our hospital	Japan
10068	Poster Session 6	PE6-18	Anaphylaxis	Analysis of EpiPen usage in Japan based on questionnaires about food allergy accidents	Japan

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10601	Poster Session 6	PE6-19	Anaphylaxis	Trends and determinants in epinephrine auto-injectable prescriptions: an outpatient population-based study in Italy	Italy
10672	Poster Session 6	PE6-20	Anaphylaxis	Characteristics of anaphylaxis in between children and adults: A prospective observational study	Japan
10693	Poster Session 6	PE6-21	Anaphylaxis	What are the culprits in perioperative anaphylaxis? Experience from an allergy centre at Wythenshawe Hospital, United Kingdom	United Kingdom
10038	Poster Session 7	PE7-1	Animal models 1	Macrophages produce histamine through the interaction with antigen specific Th2 cells	Japan
10075	Poster Session 7	PE7-2	Animal models 1	Effector T cells are able to proliferate in the presence of activated non-cognate Foxp3+ Treg cells	Japan
10142	Poster Session 7	PE7-3	Animal models 1	Identification of two distinct subpopulations among basophils in the bone marrow	Japan
10165	Poster Session 7	PE7-4	Animal models 1	Risk management of L-Asparaginase-induced allergy: focusing on the influence of concomitant drugs	Japan
10191	Poster Session 7	PE7-5	Animal models 1	Eosinophilic inflammation is involved in peritoneal fibrosis	Japan
10198	Poster Session 7	PE7-6	Animal models 1	Intranasal irradiation with narrowband-ultraviolet B suppresses nasal symptoms and up-regulation of histamine H ₁ receptor mRNA in the nasal mucosa of rat model of allergic	Japan
10229	Poster Session 7	PE7-7	Animal models 1	Cyclooxygenase inhibition in mice heightens adaptive- and innate-type responses against inhaled protease allergen and IL-33	Japan
10475	Poster Session 7	PE7-8	Animal models 1	The establishment of a mouse model of allergic conjunctivitis induced by Japanese cedar pollen	Japan
10492	Poster Session 7	PE7-9	Animal models 1	Modulatory effects of diazinon on mast cell activation	Japan
10567	Poster Session 7	PE7-10	Animal models 1	Antigen sensitization and intestinal infiltration of eosinophils by oral administration of aluminum salt as a food additive	Japan
10589	Poster Session 7	PE7-11	Animal models 1	Examination of antifibrotic effect of resolvin E series belonging to ω 3 fatty acid metabolite	Japan
10674	Poster Session 7	PE7-12	Animal models 1	Effects of non-steroidal anti-inflammatory drugs on sensitization to the egg-white allergen ovalbumin in rats	Japan
10083	Poster Session 8	PE8-1	Animal models 2	Deficiency of a principal cysteine persulfide synthase aggravated airway allergic inflammation in a mouse model of asthma	Japan
10092	Poster Session 8	PE8-2	Animal models 2	Involvement of IL-5 produced from type 2 innate lymphoid cells (ILC2) in acquisition of steroid resistance in a severe asthma model of mice	Japan
10147	Poster Session 8	PE8-3	Animal models 2	Inhibitory Effect of Paquinimod on Neutrophilic Asthma of Murine Model	Republic of Korea
10158	Poster Session 8	PE8-4	Animal models 2	Deletion of elongation of very long chain fatty acids family member 6 (Elovl6) enhances OVA-induced type 2 and non-type 2 allergic airway inflammation in mice	Japan

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10204	Poster Session 8	PE8-5	Animal models 2	Nerve Growth Factor Exacerbates Airway Hyperresponsiveness via Epithelial Damage by Neutrophils-derived Singlet Oxygen in a Mouse Model of Asthma with Mixed Inflammation	Japan
10283	Poster Session 8	PE8-6	Animal models 2	BALF Lysophosphatidylcholine (16:0) is a possible universal biomarker for bronchial asthma by several mouse model	Japan
10316	Poster Session 8	PE8-7	Animal models 2	Comprehensive gene expression analysis using RNA-seq in airway of alternaria-induced asthma mice model	Japan
10323	Poster Session 8	PE8-8	Animal models 2	Fusion protein tTIM vaccine suppresses skewed Th2 response in a murine model of allergic airway.	China
10424	Poster Session 8	PE8-9	Animal models 2	Repeated inhalation of salbutamol induced the development of M2 macrophages in OVA-induced mouse model of asthma	Japan
10442	Poster Session 8	PE8-10	Animal models 2	Establishment of a human severe asthma model using humanized mice	Japan
10506	Poster Session 8	PE8-11	Animal models 2	Differential role of TLR4 in distinct induction of house dust mite-mediated allergic airway inflammation	Japan
10563	Poster Session 8	PE8-12	Animal models 2	Regulatory effect of fungal oligonucleotide in a mouse model of bronchial asthma through suppressing Th2 immune response	Japan
10564	Poster Session 8	PE8-13	Animal models 2	Examination by age of mice in <i>Df</i> -induced asthma model	Japan
10566	Poster Session 8	PE8-14	Animal models 2	Angiotensin-converting enzyme 2 (ACE2) activator attenuates house dust mite-induced allergic inflammation in mice.	Japan
10577	Poster Session 8	PE8-15	Animal models 2	Inhibition of IL-23 attenuates airway hyperresponsiveness and inflammation in a murinemodel of neutrophilic asthma	Japan
10678	Poster Session 8	PE8-16	Animal models 2	Conventional type 2 lung dendritic cells in asthma mouse model significantly induce follicular helper T cells than conventional type 1	Japan
10653	Poster Session 9	PE9-1	Atopic dermatitis 1	Long-term outcomes of 0.1% tacrolimus eye drop in eyes with severe allergic conjunctival diseases	Japan
10100	Poster Session 9	PE9-2	Atopic dermatitis 1	Successful topical treatment with ketoconazole for facial rashes refractory to dupilumab in patients with atopic dermatitis	Japan
10247	Poster Session 9	PE9-3	Atopic dermatitis 1	Dupilumab treatment for atopic dermatitis leading to unexpected development of arthritis and enthesitis with increased serum IL-6: a case report	Japan
10016	Poster Session 9	PE9-4	Atopic dermatitis 1	The contribution of L-type amino acid transporter 1 in activated Th2 cells for the development of atopic dermatitis	Japan
10034	Withdrawal				
10318	Poster Session 9	PE9-5	Atopic dermatitis 1	Differences of duration of effect of each moisturizer to dry skin surface	Japan
10365	Poster Session 9	PE9-6	Atopic dermatitis 1	The effect of hospitalization on a year-long prognosis of moderate to severe atopic dermatitis	Japan

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10368	Poster Session 9	PE9-7	Atopic dermatitis 1	Efficacy and fastness of antigen specific intradermal immunotherapy using maximum intradermally tolerated dose (MITD) in patients with refractory atopic dermatitis	Japan
10445	Poster Session 9	PE9-8	Atopic dermatitis 1	The plasma miR223 level might be a useful diagnostic biomarker for severe atopic dermatitis	Japan
10449	Poster Session 9	PE9-9	Atopic dermatitis 1	High-throughput screening for potent inhibitor of Staphylococcus aureus derived from atopic dermatitis.	Japan
10502	Withdrawal				
10505	Poster Session 9	PE9-10	Atopic dermatitis 1	Critical windows of air pollution exposure during pregnancy on offspring's atopic dermatitis: COCOA study	Republic of Korea
10525	Poster Session 9	PE9-11	Atopic dermatitis 1	Gut linoleic acid is associated with the severity of atopic dermatitis and sensitization to egg white/milk in infants	Republic of Korea
10527	Poster Session 9	PE9-12	Atopic dermatitis 1	Moderate-intensity aerobic exercise reduces allergic inflammation in a mouse model of atopic dermatitis	Republic of Korea
10718	Poster Session 9	PE9-13	Atopic dermatitis 1	Role of Toxocariasis in Formation and Course of Atopic Dermatitis	Russian Federation
10720	Poster Session 9	PE9-14	Atopic dermatitis 1	Epidemiologic alpeculiarities of allergic dermatitis in children and adolescents in the population of Georgia	Russian Federation
10325	Poster Session 10	PE10-1	Atopic dermatitis 2	A case of iatrogenic Cushing's syndrome due to corticosteroid and antihistamine combination therapy for pediatric atopic dermatitis	Japan
10441	Poster Session 10	PE10-2	Atopic dermatitis 2	Close association of dog exposure and the exacerbation in two cases of atopic dermatitis with dog allergy	Japan
10001	Poster Session 10	PE10-3	Atopic dermatitis 2	Dietary habits in adult Japanese patients with atopic dermatitis	Japan
10058	Poster Session 10	PE10-4	Atopic dermatitis 2	A Survey of Clinical Practice of Atopic Dermatitis for Dermatologists in Japan	Japan
10085	Poster Session 10	PE10-5	Atopic dermatitis 2	Dupilumab induces eight categories of facial responses in atopic dermatitis: A long-term, single-center, observational study	Japan
10144	Poster Session 10	PE10-6	Atopic dermatitis 2	Dupilumab for a girl with severe asthma, atopic dermatitis, and school refusal	Japan
10409	Poster Session 10	PE10-7	Atopic dermatitis 2	Continued treatment with dupilumab (LIBERTY AD OLE) provides clinical benefits in most adults with moderate-to-severe atopic dermatitis not achieving optimal response to short-	Republic of Korea
10450	Poster Session 10	PE10-8	Atopic dermatitis 2	Difference between the characteristics of inpatients with skincare for atopic dermatitis (AD) in 2009 and 2018 in our department	Japan
10513	Poster Session 10	PE10-9	Atopic dermatitis 2	The case series study for the specific phenotypes of atopic dermatitis with rapid response to the treatment with dupilumab.	Japan
10534	Poster Session 10	PE10-10	Atopic dermatitis 2	Different preferences between patients and physicians for the treatment of atopic dermatitis in Japan	Japan

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10606	Poster Session 10	PE10-11	Atopic dermatitis 2	A real-world treatment landscape of atopic dermatitis in Japan	Japan
10625	Poster Session 10	PE10-12	Atopic dermatitis 2	Dupilumab is effective for the treatment of intractable prurigo in adult atopic dermatitis	Japan
10657	Poster Session 10	PE10-13	Atopic dermatitis 2	Increased incidence of conjunctivitis with dupilumab treatment in adolescents appears to be specific to atopic dermatitis	Netherlands
10707	Poster Session 10	PE10-14	Atopic dermatitis 2	Oral immunosuppressants in pediatric patients with moderate or severe atopic dermatitis	Mexico
10462	Poster Session 11	PE11-1	Case report : asthma and airway disease	A case of chronic cough caused by protracted bacterial bronchitis in a patient with long-term management of asthma	Japan
10719	Poster Session 11	PE11-2	Case report : asthma and airway disease	Exercised-induced laryngeal obstruction and low end-expiratory lung volume in an asthmatic adolescent	Viet Nam
10082	Poster Session 11	PE11-3	Case report : asthma and airway disease	An asthmatic case of psoriasis vulgaris caused by administration of dupilumab	Japan
10111	Poster Session 11	PE11-4	Case report : asthma and airway disease	Ultrasound "Humidifier Lung" Caused by Rare Fungal Pathogens Identified In Vitro: Two Case Reports	Japan
10202	Poster Session 11	PE11-5	Case report : asthma and airway disease	A case of refractory allergic bronchopulmonary aspergillosis successfully switched from mepolizumab to benralizumab	Japan
10413	Poster Session 11	PE11-6	Case report : asthma and airway disease	A case of a patient with eosinophilic otitis media with progressing sensorineural hearing loss despite treatment with biological products	Japan
10607	Poster Session 11	PE11-7	Case report : asthma and airway disease	The effect of mepolizumab in asthmatic patients with chronic eosinophilic pneumonia	Japan
10610	Poster Session 11	PE11-8	Case report : asthma and airway disease	A Case of Chronic Hypersensitivity Pneumonitis Potentially Due to Past Bird-Raising and Feather Quilt Use	Japan
10626	Poster Session 11	PE11-9	Case report : asthma and airway disease	A case of severe asthma controlled by dupilumab based on serum IL-4 levels	Japan
10640	Poster Session 11	PE11-10	Case report : asthma and airway disease	Two cases of chronic eosinophilic pneumonia successfully long-term treated with benralizumab	Japan
10648	Poster Session 11	PE11-11	Case report : asthma and airway disease	Acute eosinophilic pneumonia associated with COVID-19	Japan
10654	Poster Session 11	PE11-12	Case report : asthma and airway disease	A case of successful switching from Omalizumab to Mepolizumab for severe asthma with allergic bronchopulmonary mycosis	Japan
10656	Poster Session 11	PE11-13	Case report : asthma and airway disease	The first case of allergic bronchopulmonary mycosis caused by Bjerkandera adusta	Japan
10255	Poster Session 11	PE11-14	Case report : asthma and airway disease	A case of eosinophilic granulomatosis with polyangiitis presenting with central retinal artery occlusion	Japan
10366	Poster Session 12	PE12-1	Case report : clinical immunology	Intestinal tissue cytokines analysis in case of a 10 years old boy diagnosed with eosinophilic gastroenteritis.	Japan

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10143	Poster Session 12	PE12-2	Case report : clinical immunology	Identification of allergens causing reactions at the sites of venous access using delayed hypersensitivity assays	United States of America
10237	Poster Session 12	PE12-3	Case report : clinical immunology	Serum TARC levels before and after treatment for pruritic ordinary scabies	Japan
10698	Poster Session 12	PE12-4	Case report : clinical immunology	PD-1 blockade might induce eosinophilic pneumonia like eosinophilic granulomatosis with polyangiitis feature	Japan
10009	Poster Session 12	PE12-5	Case report : clinical immunology	a case of toxic epidermal necrolysis-like cutaneous manifestation of systemic lupus erythematosus	Philippines
10020	Poster Session 12	PE12-6	Case report : clinical immunology	Two cases of interstitial pneumonia with anti- <i>MDA5</i> antibody in this hospital	Japan
10033	Poster Session 12	PE12-7	Case report : clinical immunology	Case Report: Unusual manifestation of Lupus Erythematosus Systemic with Thalassemia B Intermediate and Hemolytic Autoimmune Anemia	Indonesia
10045	Poster Session 12	PE12-8	Case report : clinical immunology	A case of IL2RG mutation with atypical features	Iran
10187	Poster Session 12	PE12-9	Case report : clinical immunology	Systemic sarcoidosis associated with certolizumab pegol treatment for rheumatoid arthritis: A case report and review of the literature	Japan
10217	Poster Session 12	PE12-10	Case report : clinical immunology	Pregnancy-related Hemophagocytic Lymphohistiocytosis: A report of three cases with assessing cytokines profile	Japan
10265	Withdrawal				
10371	Poster Session 12	PE12-11	Case report : clinical immunology	Early initiation of mepolizumab for remission induction therapy in patients with eosinophilic granulomatosis with polyangiitis : Report of two cases	Japan
10397	Poster Session 12	PE12-12	Case report : clinical immunology	Eosinophil extracellular trap formation in chronic granulomatous disease	Japan
10435	Poster Session 12	PE12-13	Case report : clinical immunology	A case of Muckle-Wells syndrome with the skin erythema dominantly infiltrated by lymphocytes	Japan
10591	Poster Session 12	PE12-14	Case report : clinical immunology	Lung granulomatous disease in a patient with <i>GATA2</i> mutation	Japan
10614	Poster Session 12	PE12-15	Case report : clinical immunology	Long-term follow up of a patient with hyper-IgE syndrome and <i>STAT3</i> mutation: clinical complications, allergic manifestations and specific IgE antibodies	Japan
10692	Withdrawal				
10697	Poster Session 12	PE12-17	Case report : clinical immunology	Case report of a Swyer-James Syndrome : unilateral lung perfusion scan defects questions	Hungary
10639	Poster Session 12	PE12-18	Case report : clinical immunology	A pediatric case of productive cough caused by mutations in <i>DNAH9</i>	Japan
10655	Poster Session 13	PE13-1	Case report : food allergy	A case of pollen-food allergy syndrome with intractable oral swelling.	Japan

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10019	Poster Session 13	PE13-2	Case report : food allergy	A reaction to RACOLNF due to cow's milk allergy: a report of two cases	Japan
10060	Poster Session 13	PE13-3	Case report : food allergy	Two neonatal cases of food protein-induced enterocolitis syndrome with pale stool and transient biliary dilatation	Japan
10130	Poster Session 13	PE13-4	Case report : food allergy	A case of triplets who developed peanut allergy on the same day	Japan
10162	Poster Session 13	PE13-5	Case report : food allergy	Home-based, slow up-dosing oral immunotherapy for hen's egg allergy in an adult patient	Japan
10179	Poster Session 13	PE13-6	Case report : food allergy	Dupilumab for treatment of severe asthma and food allergy	Japan
10236	Poster Session 13	PE13-7	Case report : food allergy	A case of fish allergy to parvalbumin successfully treated with oral immunotherapy using cooked, hypoallergenic fish	Japan
10276	Poster Session 13	PE13-8	Case report : food allergy	Two cases of anaphylactic reaction to chamomile tea in a patient with mugwort pollinosis	Japan
10328	Poster Session 13	PE13-9	Case report : food allergy	Device of safe food load test without hospitalization	Japan
10378	Poster Session 13	PE13-10	Case report : food allergy	Two cases of Down's syndrome with chronic cow's milk-induced FPIES, one case complicated by hypovolemic shock and cerebral hemorrhage	Japan
10402	Poster Session 13	PE13-11	Case report : food allergy	Nutritional Management of Atypical Food Protein-Induced Enterocolitis Syndrome Caused by Cow's Milk Formula: A Case Report	Japan
10433	Poster Session 13	PE13-12	Case report : food allergy	Omalizumab for pollen-food allergy syndrome: a case report	Japan
10480	Poster Session 13	PE13-13	Case report : food allergy	Dupilumab induces tolerance in gastrointestinal allergy; a case report	Japan
10559	Poster Session 13	PE13-14	Case report : food allergy	Exacerbation of an egg allergy induced by an egg-free diet for three years without an increase in food-specific IgE. Case report	Japan
10650	Poster Session 13	PE13-15	Case report : food allergy	A case of wild sesame allergy suspected transdermal sensitization	Japan
10704	Poster Session 13	PE13-16	Case report : food allergy	A case of suspected food protein-induced enterocolitis syndrome due to yeast (<i>Saccharomyces cerevisiae</i>)	Japan
10709	Poster Session 13	PE13-17	Case report : food allergy	Allergic reaction to fish in a patient with no past allergic history	Armenia
10120	Poster Session 13	PE13-18	Case report : food allergy	A case series of solid food protein-induced enterocolitis syndrome	Japan
10432	Poster Session 13	PE13-19	Case report : food allergy	Generalized allergic reaction caused by strawberry gibberellin-regulated protein: a case report	Japan
10642	Poster Session 14	PE14-1	Clinical immunology	A child case of recurrent hypereosinophilia caused by <i>Streptococcus pyogenes</i> infection	Japan

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10317	Poster Session 14	PE14-2	Clinical immunology	Multiple hepatic aneurysms and dry gangrene of fingertip in eosinophilic granulomatosis with polyangiitis (EGPA)	Republic of Korea
10032	Poster Session 14	PE14-3	Clinical immunology	Presence of Purpura as an Important Clinical Index for High Disease Activity with Increased Serum IL-5 in Eosinophilic Granulomatosis with Polyangiitis	Japan
10087	Poster Session 14	PE14-4	Clinical immunology	Elevated serum levels of Galectin-10 in active eosinophilic granulomatosis with polyangiitis	Japan
10178	Poster Session 14	PE14-5	Clinical immunology	Oligoclonal expansion of circulating T _H 17 cells is related to the pathogenesis of IgG4-related disease	Japan
10205	Poster Session 14	PE14-6	Clinical immunology	Predictive factors of the therapeutic response to mepolizumab in patients with eosinophilic granulomatosis with polyangiitis	Japan
10226	Poster Session 14	PE14-7	Clinical immunology	Effects and mechanisms of IVIG on the inflammatory response of a cultured human coronary artery endothelial cell model of Kawasaki disease	Japan
10252	Poster Session 14	PE14-8	Clinical immunology	Changes of MMP-9 and MMP12 in response of acute viral infection in virtual model of macrophages	Republic of Korea
10320	Poster Session 14	PE14-9	Clinical immunology	A novel self-pay newborn screening program for severe combined immunodeficiency in Japan	Japan
10329	Poster Session 14	PE14-10	Clinical immunology	A rare case of TTC7A deficiency presented with combined immunodeficiency and gastrointestinal defects	Iran
10418	Poster Session 14	PE14-11	Clinical immunology	Immunologic analysis on children with post-infectious bronchiolitis obliterans	Republic of Korea
10420	Poster Session 14	PE14-12	Clinical immunology	Clinical characteristics of macrolide-refractory Mycoplasma Pneumoniae pneumonia in Korean children: Multicenter retrospective cohort study	Republic of Korea
10453	Poster Session 14	PE14-13	Clinical immunology	Oral once-daily berotralstat (BCX7353) reduces hereditary angioedema (HAE) events and is well-tolerated: pivotal phase 3 study (APeX-J) results from Japan	Japan
10518	Poster Session 14	PE14-14	Clinical immunology	Predictors of SLE flare-up and premature delivery in pregnancy	Taiwan
10583	Poster Session 14	PE14-15	Clinical immunology	Allergic disorders in Immunoglobulin G4-related diseases (IgG4-RD)	Japan
10612	Poster Session 14	PE14-16	Clinical immunology	Diagnostic criteria for proteasome-associated autoinflammatory syndromes (PRAASs) including Nakajo-Nishimura syndrome, JMP syndrome and CANDLE syndrome	Japan
10662	Poster Session 14	PE14-17	Clinical immunology	The clinical effects of mepolizumab in patients with eosinophilic granulomatosis with polyangiitis	Japan
10078	Poster Session 15	PE15-1	Drug hypersensitivity	First recombinant factor IX extended-infusion desensitization protocol in Mexico and Latin-America	Mexico
10167	Poster Session 15	PE15-2	Drug hypersensitivity	Perforating Folliculitis Triggered by Bevacizumab Administration	Japan
10494	Poster Session 15	PE15-3	Drug hypersensitivity	Successful Oxaliplatin desensitization protocol	Mexico

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10008	Poster Session 15	PE15-4	Drug hypersensitivity	Two cases of severe drug hypersensitivity	Japan
10053	Poster Session 15	PE15-5	Drug hypersensitivity	Tosufloxacin-induced acute generalized exanthematouspustulosis confirmed by a drug-induced lymphocytstimulation test	Japan
10321	Poster Session 15	PE15-6	Drug hypersensitivity	Drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and systemic symptoms triggered by lenalidomide	Japan
10341	Poster Session 15	PE15-7	Drug hypersensitivity	A new desensitization protocol in a case of acyclovir hypersensitivity in a child	Spain
10101	Withdrawal				
10146	Poster Session 15	PE15-8	Drug hypersensitivity	A bullous pemphigoid (BP) case in an adult with dipeptidyl peptidase-4 inhibitors (DPP4i) hypersensitivity	Japan
10155	Poster Session 15	PE15-9	Drug hypersensitivity	Respiratory complications of Stevens-Johnson syndrome(SJS): 3 cases of SJS-induced obstructive bronchiolitis	Japan
10395	Poster Session 15	PE15-10	Drug hypersensitivity	Peripheral blood lymphocyte decrease at the onset of drug eruption	Japan
10410	Poster Session 15	PE15-11	Drug hypersensitivity	Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS)	Indonesia
10451	Poster Session 15	PE15-12	Drug hypersensitivity	Desensitization Protocol to Paclitaxel: The Importance Of Proving The Ideal Treatment In A Patient With Anaphylaxis And Breast Cancer	Mexico
10473	Poster Session 15	PE15-13	Drug hypersensitivity	Rituximab desensitization in acute lymphoblastic leukemia pediatric patient with severe anaphylaxis	Mexico
10532	Poster Session 15	PE15-14	Drug hypersensitivity	Higher occurrence of multiple drug allergy syndrome to first-line anti-tuberculosis drugs	Republic of Korea
10544	Poster Session 15	PE15-15	Drug hypersensitivity	Beta-lactam allergy: A real practice in a regional hospital	Republic of Korea
10631	Poster Session 15	PE15-16	Drug hypersensitivity	Biological treatments in Allergy: a worldwide survey on prescription and management of hypersensitivity reactions	France
10269	Poster Session 16	PE16-1	Education and allied health	What is the expected role of a pediatric allergy-pulmonologist in a medium-sized general hospital? a descriptive analysis of the 5 years' consultation	Republic of Korea
10273	Poster Session 16	PE16-2	Education and allied health	Prevalence and predictors of incorrect use of inhaler device in patients with obstructive lung diseases	Japan
10067	Poster Session 16	PE16-3	Education and allied health	characterization of airborne fungi spores present in two hospitals in kabala district- uganda	Uganda
10322	Poster Session 16	PE16-4	Education and allied health	Efficacy of Adrenaline Auto-Injector Diary	Japan
10580	Poster Session 16	PE16-5	Education and allied health	Changes of prehospital management of anaphylaxis in pediatric patients between 2018 and 2013	Japan

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10037	Poster Session 16	PE16-6	Education and allied health	An educational workshop to expose clinical research investigators and related personnel to research ethics	Japan
10682	Poster Session 16	PE16-7	Education and allied health	"Breathe Power Go!" ; An easy and fun game to identify obstructive pulmonary disorder	Japan
10469	Poster Session 16	PE16-8	Education and allied health	The pack cooking that helps food allergic patients at the time of disaster, focused on weaning foods	Japan
10605	Poster Session 16	PE16-9	Education and allied health	Interview with adolescent food allergy patients and their caregivers about self-management	Japan
10050	Poster Session 16	PE16-10	Education and allied health	The actual condition of bronchial asthma patients in Japanese students	Japan
10293	Poster Session 16	PE16-11	Education and allied health	Changes in self-care education for children with allergic diseases by medical staff in Japan:A report from a nationwide survey.	Japan
10622	Poster Session 16	PE16-12	Education and allied health	Severe asthma in children in Japan : A single-center, retrospective chart review study	Japan
10244	Poster Session 16	PE16-13	Education and allied health	Attitude survey of medical professionals for pregnancy with asthma	Japan
10364	Poster Session 16	PE16-14	Education and allied health	Accelerometer-equipped external attachments to assist effective inhalation techniques	Japan
10531	Poster Session 16	PE16-15	Education and allied health	Evaluation of educational program at NPO, EPAREC (Expert Patient in Respiratory Care) employing ABMA-C (Asthma Belief and Medication Adherence) questionnaire that reflect	Japan
10679	Poster Session 16	PE16-16	Education and allied health	Inhalation instruction with wearing masks under the Novel Coronavirus Disease 2019 (COVID-19) spread	Japan
10705	Poster Session 16	PE16-17	Education and allied health	Attempt of online inhalation workshop during COVID19 epidemic: comparison withface-to-face workshop	Japan
10027	Poster Session 17	PE17-1	Food allergy-allergen and mechanisms	ImmunoCAP ISAC in food allergy diagnosis: A systematic review	Spain
10096	Poster Session 17	PE17-2	Food allergy-allergen and mechanisms	Clinical cross-reactivity to quail's egg in patients with hen's egg allergy	Japan
10108	Poster Session 17	PE17-3	Food allergy-allergen and mechanisms	Cross-allergenicity between hen's egg and quail's egg in patients allergic to hen's egg	Japan
10161	Poster Session 17	PE17-4	Food allergy-allergen and mechanisms	Identification and characterization of perilla seed allergy in Korean children: clinical and immunological profiles	Republic of Korea
10173	Poster Session 17	PE17-5	Food allergy-allergen and mechanisms	Evaluation of multiple specific IgEs screening system DropScreen [®] ; using a microarrayed allergen biochip	Japan
10220	Poster Session 17	PE17-6	Food allergy-allergen and mechanisms	Comparison of IgE sensitization profile in shrimp allergic subjects between Hong Kong and Thailand	Hong Kong
10225	Poster Session 17	PE17-7	Food allergy-allergen and mechanisms	IgE sensitization profile of fish allergic children in Hong Kong	Hong Kong

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10357	Poster Session 17	PE17-8	Food allergy-allergen and mechanisms	Cytokine profiles during oral food challenges for diagnosis of food protein-induced enterocolitis syndrome to egg yolk	Japan
10381	Poster Session 17	PE17-9	Food allergy-allergen and mechanisms	Tropomyosin is a major antigen in childhood-onset shrimp allergy but a minor antigen in adults	Japan
10396	Poster Session 17	PE17-10	Food allergy-allergen and mechanisms	Clinical Correlation of Antigen-specific IgE/IgG4 Ratio in Milk Protein Allergy	Taiwan
10479	Poster Session 17	PE17-11	Food allergy-allergen and mechanisms	THEMIS affects Th2 immune response in OVA-induced food allergy model	Republic of Korea
10493	Poster Session 17	PE17-12	Food allergy-allergen and mechanisms	Thermal effect on hen's egg white and quail egg white proteins and analysis of cross-reactivity in young children	Republic of Korea
10503	Poster Session 17	PE17-13	Food allergy-allergen and mechanisms	Hemocyanin is not a major allergen in a cohort of probable shrimp-allergic Chinese children	Hong Kong
10524	Poster Session 17	PE17-14	Food allergy-allergen and mechanisms	Structure of sensitization to food extracts and molecules in Dnipro (Ukraine)	Ukraine
10550	Poster Session 17	PE17-15	Food allergy-allergen and mechanisms	Two commercial Gal d 1 specific IgE assays show major differences in specificity and accuracy, with potential clinical implications	Japan
10570	Poster Session 17	PE17-16	Food allergy-allergen and mechanisms	Does topical anesthesia affect the interpretation of diagnostic skin testing to food allergens in children	Thailand
10574	Withdrawal				
10609	Poster Session 17	PE17-17	Food allergy-allergen and mechanisms	Effects of reducing the amounts of food allergens in the home environment on allergen sensitization	Japan
10623	Poster Session 17	PE17-18	Food allergy-allergen and mechanisms	Probability curve for infant hen's egg allergy	Japan
10684	Poster Session 17	PE17-19	Food allergy-allergen and mechanisms	Evaluation of the allergenicity and induction ability for oral tolerance of ω 5-gliadin-deficient Hokushin wheat (1BS-18) in a wheat allergy rat model	Japan
10015	Poster Session 18	PE18-1	Food allergy-clinical aspects 1	Red meat allergy: Clinical characteristics of 5 cases in Jeju, Korea	Republic of Korea
10052	Poster Session 18	PE18-2	Food allergy-clinical aspects 1	Combinations of anaphylaxis symptoms in oral food challenges	Japan
10055	Poster Session 18	PE18-3	Food allergy-clinical aspects 1	Predictor of the buckwheat challenge test results: a retrospective observational study in Japan	Japan
10103	Poster Session 18	PE18-4	Food allergy-clinical aspects 1	Analysis of the appropriate timing to introduce egg white to children with egg yolk triggered food protein-induced enterocolitis syndrome	Japan
10119	Poster Session 18	PE18-5	Food allergy-clinical aspects 1	Prediction of severe peach allergy reaction combining peach allergen component specific IgE antibodies in Japanese children and adolescents	Japan
10126	Poster Session 18	PE18-6	Food allergy-clinical aspects 1	Risk factors for moderate to severe allergic reactions in oral food challenges	Japan

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10181	Poster Session 18	PE18-7	Food allergy-clinical aspects 1	Predictive factors of walnut allergy: a retrospective observational study in Japan	Japan
10192	Poster Session 18	PE18-8	Food allergy-clinical aspects 1	Diagnosis of bean sprout allergy with anaphylaxis shock	Japan
10221	Poster Session 18	PE18-9	Food allergy-clinical aspects 1	Basophil activation test for milk and egg allergy in children with atopic dermatitis	Republic of Korea
10268	Poster Session 18	PE18-10	Food allergy-clinical aspects 1	Factors associated with passing small dose milk oral food challenges	Japan
10304	Poster Session 18	PE18-11	Food allergy-clinical aspects 1	Clinical manifestations and safety of oral food challenge using boiled egg yolk	Japan
10334	Poster Session 18	PE18-12	Food allergy-clinical aspects 1	Oral food challenges for the diagnosis of food allergy, real life experience from Mexico	Mexico
10399	Poster Session 18	PE18-13	Food allergy-clinical aspects 1	A feasibility study of oral-food-challenge in non-IgE-mediated gastrointestinal food allergies in infants by long-term and incremental methods	Japan
10486	Poster Session 18	PE18-14	Food allergy-clinical aspects 1	Prediction of negative results of oral food challenges by antigen-specific IgE values	Japan
10530	Poster Session 18	PE18-15	Food allergy-clinical aspects 1	Effect of frequency of hen's egg ingestion on the succeeding oral food challenge test	Japan
10573	Poster Session 18	PE18-16	Food allergy-clinical aspects 1	Evaluation of risk factors and safety of oral food challenges of a very small portion of an egg	Japan
10695	Poster Session 18	PE18-17	Food allergy-clinical aspects 1	Risk factors for multiple-nut allergies in patients with peanut allergy	Japan
10003	Poster Session 19	PE19-1	Food allergy-clinical aspects 2	Comparison of sensitization to food allergens among children and adolescents with migraine and tension headache	Iran
10014	Poster Session 19	PE19-2	Food allergy-clinical aspects 2	Eosinophilic gastroenteritis treated with targeted two-elimination diet in a child	Japan
10110	Poster Session 19	PE19-3	Food allergy-clinical aspects 2	Analysis of pollen-specific IgE levels that induce pollenfood allergy syndrome in children	Japan
10118	Poster Session 19	PE19-4	Food allergy-clinical aspects 2	Integrated analysis of genomics and metabolomics in childhood food allergy resolution	Republic of Korea
10136	Poster Session 19	PE19-5	Food allergy-clinical aspects 2	Retrospective review of food allergic children in a tertiary allergy centre in Hong Kong	Hong Kong
10219	Poster Session 19	PE19-6	Food allergy-clinical aspects 2	Major triggers of food allergy and food-induced anaphylaxis in recent 10 years in Korea: a single hospital retrospective study including all ages	Republic of Korea
10233	Poster Session 19	PE19-7	Food allergy-clinical aspects 2	Prevalence of food allergy in staff members of Fukuoka National Hospital, Japan	Japan
10262	Poster Session 19	PE19-8	Food allergy-clinical aspects 2	Incidence of allergic reactions in elementary, junior high, and high schools in Gunma Prefecture from 2015 to 2019	Japan

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10363	Poster Session 19	PE19-9	Food allergy-clinical aspects 2	Sensitization to gibberellin-regulated protein in Hinoki cypress pollen is associated with severity of peach allergy	Japan
10376	Poster Session 19	PE19-10	Food allergy-clinical aspects 2	Increase in food protein-induced enterocolitis syndrome caused by solids: a case study	Japan
10427	Poster Session 19	PE19-11	Food allergy-clinical aspects 2	Egg sensitization in children with atopic dermatitis: correlation with parental concerns	Singapore
10476	Poster Session 19	PE19-12	Food allergy-clinical aspects 2	Progression to esophageal eosinophilia in patients with suspected eosinophilic esophagitis or congenital esophageal stenosis	Japan
10488	Poster Session 19	PE19-13	Food allergy-clinical aspects 2	Pollen-food allergy syndrome in Japanese children with allergic diseases: a single center study	Japan
10521	Poster Session 19	PE19-14	Food allergy-clinical aspects 2	Sensitization to hen's egg during early infancy in a cohort study of Japanese infants with eczema	Japan
10632	Poster Session 19	PE19-15	Food allergy-clinical aspects 2	Characteristics of pollen-related food allergy based on individual pollen allergy profiles in the Chinese population	China
10687	Poster Session 19	PE19-16	Food allergy-clinical aspects 2	An epidemiologic study of oral allergy syndrome and pollen allergy in Japanese university students	Japan
10710	Poster Session 19	PE19-17	Food allergy-clinical aspects 2	Changes in the clinical presentation of infants' food allergies at first onset and the impact of early food introduction in a 9-year period	Japan
10065	Poster Session 20	PE20-1	Food allergy-clinical aspects 3	Three-year prognosis of fish allergy in children	Japan
10098	Poster Session 20	PE20-2	Food allergy-clinical aspects 3	An evaluation of the effects of Kakkonto in combination with dietary advice in children with food allergies through a non-randomized controlled trial	Japan
10164	Poster Session 20	PE20-3	Food allergy-clinical aspects 3	Efficacy of bronchodilators for moderate respiratory symptoms in oral food challenges	Japan
10189	Poster Session 20	PE20-4	Food allergy-clinical aspects 3	Examination of a single administration of 2 g of boiled egg white to infants sensitized to egg white in a first-time oral food challenge	Japan
10326	Poster Session 20	PE20-5	Food allergy-clinical aspects 3	Effect of the change in specific immunoglobulin E levels on the result of oral food challenge for patients with egg allergy: a retrospective observational study	Japan
10448	Poster Session 20	PE20-6	Food allergy-clinical aspects 3	The problems with allergen-free hospital food service	Japan
10471	Poster Session 20	PE20-7	Food allergy-clinical aspects 3	The distribution of Mal d 1 protein, apple allergen component, in apples cultivated and consumed in Japan	Japan
10490	Poster Session 20	PE20-8	Food allergy-clinical aspects 3	Determinants of parental burden among Hong Kong children with adverse food reactions	Hong Kong
10498	Poster Session 20	PE20-9	Food allergy-clinical aspects 3	Case report of 9 childhood patients with buckwheat allergy	China
10499	Poster Session 20	PE20-10	Food allergy-clinical aspects 3	Wheat Allergy in Children: 21 Cases Reports	China

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10535	Poster Session 20	PE20-11	Food allergy-clinical aspects 3	An impaired bone mineral density in children with cow's milk allergy	Japan
10553	Poster Session 20	PE20-12	Food allergy-clinical aspects 3	Decreased bone mineral density of the school children with IgE-mediated cow's milk allergy	Japan
10569	Poster Session 20	PE20-13	Food allergy-clinical aspects 3	The summary of oral food challenge tests for the past two years at a secondary care hospital in Japan	Japan
10635	Poster Session 20	PE20-14	Food allergy-clinical aspects 3	Safety of low-dose cow's milk oral food challenges administered in two doses at 60-minute intervals	Japan
10702	Poster Session 20	PE20-15	Food allergy-clinical aspects 3	Clinical features of Chinese yam allergy in Japanese children	Japan
10059	Poster Session 21	PE21-1	Food allergy-immunotherapy	Three-year outcomes of oral immunotherapy using dried egg powder for severe hen's egg allergy	Japan
10084	Poster Session 21	PE21-2	Food allergy-immunotherapy	Safety of ultralow-dose of antigen oral immunotherapy in pediatric patients with severe peanut allergy: induction, fixed-dose, and escalation phases.	Japan
10127	Poster Session 21	PE21-3	Food allergy-immunotherapy	Comparison of the efficacies of low-dose and high-dose slow oral immunotherapy for egg allergy	Japan
10267	Poster Session 21	PE21-4	Food allergy-immunotherapy	Low achievement of sustained unresponsiveness in oral immunotherapy for persistent cow's milk allergy	Japan
10324	Poster Session 21	PE21-5	Food allergy-immunotherapy	Food allergy and oral immunotherapy affect food preferences	Japan
10362	Poster Session 21	PE21-6	Food allergy-immunotherapy	Long-term quality of life of persistent food allergy patients in post oral immunotherapy	Japan
10426	Poster Session 21	PE21-7	Food allergy-immunotherapy	Effectiveness and safety of rush and slow oral immunotherapy in our facility	Japan
10485	Poster Session 21	PE21-8	Food allergy-immunotherapy	Factors associated with the safety of initials dose of slow low-dose oral immunotherapy	Japan
10542	Poster Session 21	PE21-9	Food allergy-immunotherapy	Examination of the long-term effect of oral immunotherapy in children with cow's milk allergy	Japan
10545	Poster Session 21	PE21-10	Food allergy-immunotherapy	Exercise-induced allergic reactions after achievement of desensitization to cow's milk and wheat	Japan
10579	Poster Session 21	PE21-11	Food allergy-immunotherapy	Factors related to treatment outcome and adverse events in peanut rush oral immunotherapy	Japan
10581	Poster Session 21	PE21-12	Food allergy-immunotherapy	Exercise-induced allergic reactions on desensitization to cow's milk after rush oral immunotherapy	Japan
10588	Poster Session 21	PE21-13	Food allergy-immunotherapy	ω -5 gliadin-sIgE/total IgE predicts long-term outcome of low-dose OIT for severe wheat allergy	Japan
10618	Withdrawal				

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10633	Poster Session 21	PE21-15	Food allergy-immunotherapy	Permanent tolerance induced by oral immunotherapy; is it a complete symptom-free condition? 6 month follow up after PT achievement	Iran
10641	Poster Session 21	PE21-16	Food allergy-immunotherapy	Does oral immunotherapy for food allergy impact allergic children BMI?	France
10666	Poster Session 21	PE21-17	Food allergy-immunotherapy	Evaluation of the effectiveness of subcutaneous immunotherapy with Birch Pollen extract for Pollen-Food allergy syndrome associated with soybean allergy	Japan
10688	Poster Session 21	PE21-18	Food allergy-immunotherapy	Real-world outcome of oral immunotherapy for food allergy	Japan
10388	Poster Session 22	PE22-1	Immunotherapy 1	Sublingual immunotherapy treatment for nine-year-old boy suffering from allergic rhinitis causing sleep disorders and school absenteeism	Japan
10660	Poster Session 22	PE22-2	Immunotherapy 1	Induction of an eosinophilic gastroenteritis occurred during sublingual immunotherapy with Japanese cedar pollen extract: A case report	Japan
10028	Poster Session 22	PE22-3	Immunotherapy 1	Mastocytosis and Tryptase in Hymenoptera Venom Allergy: Real world data from the United States	United States of America
10122	Poster Session 22	PE22-4	Immunotherapy 1	Efficacy and safety of allergen immunotherapy for allergic rhinitis with autoimmune disease	Japan
10137	Poster Session 22	PE22-5	Immunotherapy 1	Sublingual immunotherapy improved nasal symptoms and allergen-specific nasal and skin reactivity in house dust mite-induced perennial allergic rhinitis patients	Japan
10140	Poster Session 22	PE22-6	Immunotherapy 1	Efficacy of sublingual immunotherapy for house dust mite allergic rhinitis in children	Japan
10149	Poster Session 22	PE22-7	Immunotherapy 1	A novel immunotherapy to airway allergy	Taiwan
10210	Poster Session 22	PE22-8	Immunotherapy 1	Safety and Efficacy of House Dust Mite Subcutaneous Immunotherapy (Interim analysis of Post-marketing surveillance from 2016 to 2019)	Japan
10214	Poster Session 22	PE22-9	Immunotherapy 1	Safety and efficacy of Japanese cedar pollen sublingual immunotherapy tablet under actual use condition (Interim analysis of Post-marketing surveillance from 2018 to 2019)	Japan
10241	Poster Session 22	PE22-10	Immunotherapy 1	The efficacy of SQ HDM sublingual immunotherapy tablets in patients with HDM-induced allergic rhinitis in Japan (Interim analysis of Post-marketing surveillance from 2016 to 2019)	Japan
10250	Poster Session 22	PE22-11	Immunotherapy 1	Actual conditions of dual SLIT with Japanese cedar pollen sublingual immunotherapy products and SQ house dust mite sublingual immunotherapy tablet in Japan	Japan
10370	Poster Session 22	PE22-12	Immunotherapy 1	Efficacy and safety of dual sublingual immunotherapy for Japanese cedar pollinosis and house dust mite allergic rhinitis	Japan
10375	Poster Session 22	PE22-13	Immunotherapy 1	Dose reduction in inhaled corticosteroid of sublingual immunotherapy during 3 years for allergic asthma with cedar pollinosis	Japan
10458	Poster Session 22	PE22-14	Immunotherapy 1	Safety of dual sublingual immunotherapy with house dust mite and Japanese cedar pollen tablets	Japan
10468	Poster Session 22	PE22-15	Immunotherapy 1	Medication compliance of sublingual immunotherapy in patients with house dust mite induced allergic rhinitis in Japan: a retrospective database study	Japan

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10555	Poster Session 22	PE22-16	Immunotherapy 1	Efficacy and safety of sublingual immunotherapy in patients with allergic rhinitis induced by house dust mites	Japan
10628	Poster Session 22	PE22-17	Immunotherapy 1	Long-term relief in allergic rhinitis children after sublingual immunotherapy	Republic of Korea
10018	Poster Session 23	PE23-1	Immunotherapy 2	Genome-wide transcriptome and copy number variation analysis for sublingual immunotherapy	Japan
10031	Poster Session 23	PE23-2	Immunotherapy 2	Changes of immunological response with subcutaneous immunotherapy for Japanese cedar	Japan
10218	Poster Session 23	PE23-3	Immunotherapy 2	The safety of SQ HDM sublingual immunotherapy tablets in patients with HDM-induced allergic rhinitis in Japan (Interim analysis of Post-marketing surveillance from 2016 to 2019)	Japan
10242	Poster Session 23	PE23-4	Immunotherapy 2	Development of a novel Cry j 1 allergoid using chemical modification	Japan
10274	Poster Session 23	PE23-5	Immunotherapy 2	Sublingual immunotherapy with Japanese cedar pollen extract induces apoptosis of memory CD4+ T cells	Japan
10345	Poster Session 23	PE23-6	Immunotherapy 2	Involvement of type 1 regulatory T (Tr1) in clinical effectiveness of sublingual immunotherapy (SLIT)	Japan
10351	Poster Session 23	PE23-7	Immunotherapy 2	Immunological responses during long-term sublingual immunotherapy with Japanese Cedar Droplet.	Japan
10415	Poster Session 23	PE23-8	Immunotherapy 2	Significance of house dust mite components in the selection of specific immunotherapy	Lithuania
10454	Poster Session 23	PE23-9	Immunotherapy 2	Changes in specific immunoglobulin G4 levels during pediatric subcutaneous immunotherapy with Japanese cedar pollen	Japan
10543	Poster Session 23	PE23-10	Immunotherapy 2	Induction of Th1 CD4 T cells with peptide vaccine	Japan
10549	Poster Session 23	PE23-11	Immunotherapy 2	Comparison of immunological effect of standardized and non-standardized extracts in subcutaneous immunotherapy for children with house dust mite-induced perennial rhinitis	Japan
10593	Poster Session 23	PE23-12	Immunotherapy 2	The establishment of EXiLE test for House dust mite allergy	Japan
10594	Poster Session 23	PE23-13	Immunotherapy 2	Allergen stability and immunological reactivity following dissolution and co-Incubation of house dust mite and Japanese cedar pollen SLIT-Tablets	Japan
10663	Poster Session 23	PE23-14	Immunotherapy 2	A role of basophil activation and antigen specific antibody in sublingual immunotherapy for seasonal allergic rhinitis	Japan
10145	Poster Session 24	PE24-1	Mechanisms of allergy	Dipeptidyl peptidase-4 inhibitors and diuretics might frequently cause drug hypersensitivity in adults	Japan
10023	Poster Session 24	PE24-2	Mechanisms of allergy	Is it Takayasu's arteritis; Autoimmune or infective? Evidence from Angiographic patterns in Sri Lanka	United Kingdom
10062	Poster Session 24	PE24-3	Mechanisms of allergy	Allergen Pattern Causing Allergic Rhinitis Based on Skin Prick Test Result in ENT Outpatient Clinic Sanglah General Hospital Denpasar in 2019	Indonesia

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10115	Poster Session 24	PE24-4	Mechanisms of allergy	Microcirculatory changes in children with asthma depending on the allergological history	Russian Federation
10116	Poster Session 24	PE24-5	Mechanisms of allergy	The flagellin allergen fusion protein rFlaA:Betv1 induces MyD88- , mTOR- , and MAPK-dependent immune metabolic activation of macrophages	Germany
10239	Poster Session 24	PE24-6	Mechanisms of allergy	Detection of eosinophil ETosis in eosinophilic granulomatosis with polyangiitis (EGPA) by citrullinated histone H3 immunostaining.	Japan
10290	Poster Session 24	PE24-7	Mechanisms of allergy	RNA binding protein HuR regulates cytokine expression in asthmatic CD4+T cells by controlling mRNA stability and translation	United States of America
10416	Poster Session 24	PE24-8	Mechanisms of allergy	Sleep quality in patients with allergic rhinitis: the relationship between endogenous melatonin and nasal mucus cytokine levels	Japan
10422	Poster Session 24	PE24-9	Mechanisms of allergy	Role of TRPC6 Channel in eosinophil function	Japan
10456	Poster Session 24	PE24-10	Mechanisms of allergy	Protein phosphatase enhances IgE class switch recombination, but to no IgG4	Japan
10457	Poster Session 24	PE24-11	Mechanisms of allergy	Induction of T2 responses in human skin dermal cells by epidermal keratinocyte homogenate	Japan
10504	Poster Session 24	PE24-12	Mechanisms of allergy	Effects of β 2-adrenergic agonists on house-dust mite-induced adhesion, superoxide anion generation, and degranulation of human eosinophils	Japan
10546	Poster Session 24	PE24-13	Mechanisms of allergy	Functional food ingredients modulate mast cell signaling	Japan
10590	Poster Session 24	PE24-14	Mechanisms of allergy	Activated platelets can enhance airway inflammation and remodeling	Viet Nam
10602	Poster Session 24	PE24-15	Mechanisms of allergy	The involvement of chitinase 3-like-1 in poly(I:C) induced airway inflammation	Republic of Korea
10637	Poster Session 24	PE24-16	Mechanisms of allergy	Sex-difference In Associations Between Skin Responses To Purified Protein Derivative And Family Size During Infancy in Japan	Japan
10699	Poster Session 24	PE24-17	Mechanisms of allergy	Ephedra herb, Mao, inhibits allergen-induced mast cell degranulation by inducing IgE-Fc ϵ RI internalization	Japan
10724	Poster Session 24	PE24-18	Mechanisms of allergy	Comparative evaluation of crude vis-a-vis purified allergen of Dermatophagoides farinae based on Indirect ELISA	India
10223	Poster Session 25	PE25-1	Microbiome and omics	Proteomic profiling of non-invasively collected skin surface lipid samples to characterize infant skin	Japan
10264	Poster Session 25	PE25-2	Microbiome and omics	Bacterial flora in maternal feces, breast milk, breast skin, and 1-month breast milk and meconium	Japan
10312	Poster Session 25	PE25-3	Microbiome and omics	Role of salivary microbiome in IL-10 production and efficacy of sublingual immunotherapy in allergic rhinitis	Japan
10496	Poster Session 25	PE25-4	Microbiome and omics	Identification of causative fungi in allergic bronchopulmonary mycosis by mycobiome analysis	Japan

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10507	Poster Session 25	PE25-5	Microbiome and omics	Gut microbiome analysis for Japanese patients with Multiple Chemical Sensitivity/Idiopathic Environmental Intolerance	Japan
10627	Poster Session 25	PE25-6	Microbiome and omics	Does gut microbiota affect sensitization to inhaled allergens?	Japan
10646	Poster Session 25	PE25-7	Microbiome and omics	Identification of novel biomarkers for asthma reflecting lung eosinophilia by the non-targeted proteomics of serum exosomes	Japan
10721	Poster Session 25	PE25-8	Microbiome and omics	Surface bacterial flora in normal and dry mucosa	Japan
10497	Poster Session 26	PE26-1	Other skin diseases 1	Effectiveness and safety of Omalizumab for chronic urticaria in Japanese children	Japan
10726	Poster Session 26	PE26-2	Other skin diseases 1	Allergic contact dermatitis to hair dye in 14-year-old male	Poland
10129	Poster Session 26	PE26-3	Other skin diseases 1	Temperament and Character Properties in Patients with Chronic Urticaria	Iran
10135	Withdrawal				
10228	Poster Session 26	PE26-5	Other skin diseases 1	Role of anti ige (omalizumab) in chronic idiopathic urticaria in saudiarabia	Saudi Arabia
10230	Poster Session 26	PE26-6	Other skin diseases 1	Association between chronic spontaneous urticaria and sleep-disordered breathing	Japan
10249	Poster Session 26	PE26-7	Other skin diseases 1	Chinese doctors' understanding of hereditary angioedema and the unmet needs in diagnosis and treatment: a qualitative study	China
10315	Poster Session 26	PE26-8	Other skin diseases 1	Lipid mediator profiles of chronic spontaneous urticaria and atopic dermatitis	Japan
10439	Poster Session 26	PE26-9	Other skin diseases 1	Chronic spontaneous urticaria and thyroid disease in the elderly	Spain
10515	Withdrawal				
10554	Poster Session 26	PE26-11	Other skin diseases 1	Efficacy and safety of Ligelizumab for CSU in Japanese patients: Subgroup analysis of Phase 2b study	Japan
10714	Poster Session 26	PE26-12	Other skin diseases 1	IMMUNE STATUS OF PREGNANT WOMEN WITH CHRONIC URTICARIA	Russian Federation
10717	Poster Session 26	PE26-13	Other skin diseases 1	IMMUNE STATUS OF PREGNANT WOMEN WITH ACUTE URTICARIA	Russian Federation
10343	Poster Session 27	PE27-1	Other skin diseases 2	Periorbital angioedema with acquired idiopathic generalized anhidrosis (AIGA) associated with sweat allergy: A case report	Japan
10501	Poster Session 27	PE27-2	Other skin diseases 2	Gleich syndrome: a case report	Mexico

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10042	Poster Session 27	PE27-3	Other skin diseases 2	Expression of IL-27 and IFN-gamma in cutaneous mastocytosis	Japan
10077	Poster Session 27	PE27-4	Other skin diseases 2	The modern mass allergy is a syndrome of Demodectic Acariasis	Kazakhstan
10093	Poster Session 27	PE27-5	Other skin diseases 2	Cutaneous manifestations in patients with systemic metal allergy	Japan
10121	Poster Session 27	PE27-6	Other skin diseases 2	Daily emollients and protective gloves for treatment of hand eczema: an open-labeled pilot study in medical professionals	Japan
10199	Poster Session 27	PE27-7	Other skin diseases 2	Effect of Topical Immunotherapy with Squaric Acid Dibutylester for Alopecia Areata	Japan
10222	Poster Session 27	PE27-8	Other skin diseases 2	Activated extrinsic coagulation factors induce degranulation of human skin mast cells and basophils through complement	Japan
10297	Poster Session 27	PE27-9	Other skin diseases 2	Long-term efficacy and safety of lanadelumab in patients with hereditary angioedema: interim results from the HELP open-label extension study	United States of America
10335	Poster Session 27	PE27-10	Other skin diseases 2	Automatic detection of skin diseases using the extraction of texture features on the image and the naive bayes model algorithm	Indonesia
10350	Poster Session 27	PE27-11	Other skin diseases 2	Metal patch testing in patients with oral symptoms	Japan
10446	Poster Session 27	PE27-12	Other skin diseases 2	RUDY JAPAN: Hereditary angioedema (HAE) online registry using information and communication technology (ICT)	Japan
10519	Poster Session 27	PE27-13	Other skin diseases 2	Self-administration of icatibant for the treatment of angioedema attacks: findings from the Icatibant Outcome Survey (IOS)	Germany
10540	Poster Session 27	PE27-14	Other skin diseases 2	Prodromes and attack triggers in Canadian patients with hereditary angioedema	Canada
10541	Poster Session 27	PE27-15	Other skin diseases 2	Assessment of quality of life and proximity to acute therapy in patients with hereditary angioedema	Canada
10002	Poster Session 28	PE28-1	Pediatric asthma 1	Asthma in Neonates; a systemic review of environmental causes of allergy present in Nigerian medical facilities	Nigeria
10011	Poster Session 28	PE28-2	Pediatric asthma 1	Patterns of wheeze severity from early childhood to late adolescence: longitudinal transition analysis in a birth cohort study	United Kingdom
10029	Poster Session 28	PE28-3	Pediatric asthma 1	Automated decision support system as a screening tool in diagnosis of chronic non-specific bronchopulmonary disease in pediatric population- primary health care experience and	Azerbaijan
10201	Poster Session 28	PE28-4	Pediatric asthma 1	Increase serum eosinophil cationic protein in preschool atopic asthma	Thailand
10216	Poster Session 28	PE28-5	Pediatric asthma 1	Correlation between serum specific IgE and total IgE ratio (sIgE/tIgE ratio) with clinical response in pediatric asthma patients receiving allergen-specific immunotherapy	Indonesia
10263	Poster Session 28	PE28-6	Pediatric asthma 1	prognostic factor analysis for clinical improvement in pediatric asthma patients with house dust mite (hdm) subcutaneous immunotherapy	Indonesia

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10279	Poster Session 28	PE28-7	Pediatric asthma 1	A retrospective study of 1600 cases of bronchial asthma hospitalization over 10 years	Japan
10478	Poster Session 28	PE28-8	Pediatric asthma 1	Bronchial responsiveness 5-class model and its association with baseline spirometry and fractional exhaled nitric oxide in children	Republic of Korea
10495	Withdrawal				
10584	Poster Session 28	PE28-9	Pediatric asthma 1	Risk of house dust mite sublingual immunotherapy in pediatric patients with allergic asthma.	Japan
10615	Poster Session 28	PE28-10	Pediatric asthma 1	Outcome of preschool asthma in school age: a biomarker-defined cohort study	Japan
10619	Poster Session 28	PE28-11	Pediatric asthma 1	Recent practice patterns and variations in children hospitalized for asthma exacerbation in Japan	Japan
10629	Poster Session 28	PE28-12	Pediatric asthma 1	vitamin d deficiency in asthmatic children	Republic of Korea
10676	Poster Session 28	PE28-13	Pediatric asthma 1	The structure of sensitization by allergens in children with allergic diseases in Azerbaijan	Azerbaijan
10713	Poster Session 28	PE28-14	Pediatric asthma 1	Sex differences in effects of lung function on body composition in peri-pubertal status	Republic of Korea
10150	Poster Session 29	PE29-1	Pediatric asthma 2	Clinical characteristics of asthmatic adolescents with versus without persistent bronchial hyperresponsiveness	Republic of Korea
10172	Poster Session 29	PE29-2	Pediatric asthma 2	The Modified Pulmonary Index Score as an indicator of hospitalization for acute asthma exacerbation in children with fever	Japan
10196	Poster Session 29	PE29-3	Pediatric asthma 2	Study of eight cases of pediatric bronchial asthma attacks requiring intensive care management in Fukushima Prefecture	Japan
10206	Poster Session 29	PE29-4	Pediatric asthma 2	Development and validation of a new control questionnaire to aim for a high level of control for children and adolescents	Japan
10291	Poster Session 29	PE29-5	Pediatric asthma 2	Classification of wheezing children in rural Bangladesh by intensity of <i>Ascaris</i> infection, total and specific Ig E levels, history of pneumonia and other risk factors	Japan
10386	Poster Session 29	PE29-6	Pediatric asthma 2	Features of respiratory function in pediatric asthma based on the degree of obesity	Japan
10421	Poster Session 29	PE29-7	Pediatric asthma 2	Sex difference, severity of asthma and exercise-induced wheezing among children	Japan
10447	Poster Session 29	PE29-8	Pediatric asthma 2	Comparison of forced oscillation technique and spirometry in asthmatic children	Japan
10474	Poster Session 29	PE29-9	Pediatric asthma 2	Objective evaluation of airway hypersensitivity using breath sound analysis: a multicenter, prospective study in children up to 3 years old	Japan
10598	Poster Session 29	PE29-10	Pediatric asthma 2	A randomized, single-blind, placebo-controlled study on the efficacy of the tulobuterol patch (TP-LABA) in treating acute exacerbation of chronic bronchitis in children	Republic of Korea

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10681	Poster Session 29	PE29-11	Pediatric asthma 2	Longitudinal changes in lung function during childhood and adolescence with asthma	Japan
10689	Poster Session 29	PE29-12	Pediatric asthma 2	Clinical utility of eosinophil-derived neurotoxin (EDN) in diagnosis of asthma inpreschool children with acute wheezing	Japan
10703	Poster Session 29	PE29-13	Pediatric asthma 2	Questionnaire survey on the opinions among caregivers about COVID-19 and their clinic visit and children's cough in a clinic at Nagoya city	Japan
10044	Poster Session 30	PE30-1	Pollinosis	Relationship between the total tear IgE, serum specific IgE, and total serum IgE levels in patients with pollen allergic conjunctivitis	Japan
10063	Withdrawal				
10074	Poster Session 30	PE30-2	Pollinosis	Revision of Threshold Levels for Evoking Pollinosis to Oak, Pine, Japanese Hop, and Ragweed in Seoul Metropolitan Area, Korea	Republic of Korea
10106	Poster Session 30	PE30-3	Pollinosis	The correlation with pollination and increased sensitization rate of pollen allergens of children in Seoul metropolitan area	Republic of Korea
10188	Poster Session 30	PE30-4	Pollinosis	Japanese cedar pollen sublingual immunotherapy tablets suppressed the clinical symptoms of Japanese cypress pollinosis without additional safety concerns (Ad Hoc Analysis of 206-2-	Japan
10243	Poster Session 30	PE30-5	Pollinosis	Relationship between ocular and nasal symptoms in Japanese cedar pollinosis	Japan
10292	Poster Session 30	PE30-6	Pollinosis	Knowledge, attitude and practices among patients and physicians on allergic rhinitis (KAPPA) study: Japan and Korea results	Philippines
10311	Poster Session 30	PE30-7	Pollinosis	The relationship between hay fever symptoms and antibody titers of IgE, allergen-specific IgE, total IgE, and cross-reactive carbohydrate determinant antigens in a company health	Japan
10332	Poster Session 30	PE30-8	Pollinosis	Pollen sensitization pattern in patients with allergic diseases in the last 16 years in Mexico	Mexico
10340	Poster Session 30	PE30-9	Pollinosis	Time trend study of sensitization rates to three inhalant allergens in Japanese school children	Japan
10352	Poster Session 30	PE30-10	Pollinosis	The treatment results of selective resection of the posterior nasal nerve for intractable allergic rhinitis	Japan
10440	Poster Session 30	PE30-11	Pollinosis	Clinical characteristics of Japanese patients with physician-diagnosed allergic rhinitis in the JMDC claims database	Japan
10516	Poster Session 30	PE30-12	Pollinosis	The relation between -221 X/Y polymorphism of the <i>MBL2</i> gene and MBL serum level in Atopic patients	Mongolia
10690	Poster Session 30	PE30-13	Pollinosis	Efficacy of sublingual immunotherapy for japanese cedar pollinosis allergic rhinitis in children	Japan
10423	Poster Session 31	PE31-1	Rhinosinusitis	Nasal therapies affect the levels of allergic siners in children with allergic rhinitis	Taiwan
10425	Poster Session 31	PE31-2	Rhinosinusitis	Saddle nose in patient with ethmoidal fungus balls	Indonesia

Abstract ID	Session Number	Abstract No.	Seesion	Abstract Title	Country
10694	Poster Session 31	PE31-3	Rhinosinusitis	Upper airway cough syndrome (UACS) in children with chronic cough	Japan
10134	Poster Session 31	PE31-4	Rhinosinusitis	Objective evaluation of the deviation of nasal septum and selection of surgical techniques	Japan
UMIN10103	Poster Session 31	PE31-5	Rhinosinusitis	Benralizumab for eosinophilic sinusitis or otitis media complicated with bronchial asthma	Japan
10056	Poster Session 31	PE31-6	Rhinosinusitis	Local zinc depletion promotes cytokine secretion and infiltration of inflammatory cells in nasal mucosa	Japan
10097	Poster Session 31	PE31-7	Rhinosinusitis	Clinical characteristics and symptoms of Eustachian tube dysfunction among chronic rhinosinusitis patients in Sanglah Hospital Denpasar, Bali-Indonesia	Indonesia
10151	Poster Session 31	PE31-8	Rhinosinusitis	Successful management of eosinophilic chronic rhinosinusitis complicated by severe asthma using dupilumab, following negative initial results with benralizumab	Japan
10194	Poster Session 31	PE31-9	Rhinosinusitis	Fipronil upregulates inflammatory cytokines and MUC5AC expression in human nasal epithelial cells	Republic of Korea
10195	Withdrawal				
10271	Poster Session 31	PE31-10	Rhinosinusitis	Effect of PM10 exposure time on allergic rhinitis in Korea	Republic of Korea
10301	Poster Session 31	PE31-11	Rhinosinusitis	Immuno-histological analysis of sinusitis tissue from the cases who were not fully improved after anti-IL-5 therapy.	Japan
10333	Poster Session 31	PE31-12	Rhinosinusitis	Plasma Galectin-10 levels and mucosal eosinophil infiltration in chronic rhinosinusitis.	Japan
10389	Poster Session 31	PE31-13	Rhinosinusitis	Investigation about sensitization rate of inhalable antigens in Hirosaki city for 10years.	Japan
10394	Poster Session 31	PE31-14	Rhinosinusitis	Investigation of the effect of benralizumab for chronic rhinosinusitis with nasal polyps	Japan
10406	Poster Session 31	PE31-15	Rhinosinusitis	Epidemiological study of allergic diseases, symptoms, and quality of life in school children	Japan
10520	Poster Session 31	PE31-16	Rhinosinusitis	Prevalence of sleep disorders in children with allergic rinitis	Mexico
10536	Poster Session 31	PE31-17	Rhinosinusitis	Impact of eosinophilic status on efficacy of dupilumab in the JESREC subpopulations of Phase 3 SINUS-52 Study for Severe Chronic Rhinosinusitis With Nasal Polyps	Japan
10557	Poster Session 31	PE31-18	Rhinosinusitis	Baseline characteristics of patients with CRSwNP with asthma and dupilumab efficacy by baseline biomarker level: results from the SINUS-24 and SINUS-52 phase 3 trials	Japan
10621	Poster Session 31	PE31-19	Rhinosinusitis	A retrospective study on the safety of Japanese Cedar pollen and house dust mite sublingual immunotherapy in children with multiple allergies	Japan
10659	Poster Session 31	PE31-20	Rhinosinusitis	Powder hydroxypropylmethylcellulose as add-on to nasal steroid improves the outcomes of nasal polyps conservative treatment	Bulgaria

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10036	Poster Session 32	PE32-1	Treatment for adult asthma 1	Evaluation of the Qualitative Assessment of Asthma Management by the Health Insurance Review and Assessment Service (HIRA)	Republic of Korea
10472	Poster Session 32	PE32-2	Treatment for adult asthma 1	Real-world study of prescription pattern of inhaled corticosteroids in adult asthma	Japan
10509	Poster Session 32	PE32-3	Treatment for adult asthma 1	The association of hyposmia on cognitive function and asthma control in asthmatics	Republic of Korea
10562	Withdrawal				
10651	Poster Session 32	PE32-4	Treatment for adult asthma 1	Prevalence, underlying diseases and patient characteristics of chronic cough patients in Japan: A web-based survey	Japan
10652	Poster Session 32	PE32-5	Treatment for adult asthma 1	Development of a new mouthpiece for pMDI	Japan
10079	Withdrawal				
10107	Poster Session 32	PE32-7	Treatment for adult asthma 1	Triple therapy with budesonide/glycopyrrolate/formoterol is effective for asthma-COPD overlap	Japan
10113	Poster Session 32	PE32-8	Treatment for adult asthma 1	Effect of Japanese cedar pollen sublingual immunotherapy for asthma patients with Japanese cedar pollinosis	Japan
10156	Poster Session 32	PE32-9	Treatment for adult asthma 1	Prediction of future risks of asthma exacerbation using fractional exhaled nitric oxide and asthma control test questionnaire	Japan
10286	Poster Session 32	PE32-10	Treatment for adult asthma 1	Oral corticosteroid could be a risk factor for diabetes in patients with asthma	Japan
10310	Poster Session 32	PE32-11	Treatment for adult asthma 1	Efficacy and safety of once-daily, single-inhaler fluticasone furoate/umeclidinium/vilanterol (FF/UMEC/VI) versus FF/VI in Japanese patients with inadequately controlled asthma: the	Japan
10369	Poster Session 32	PE32-12	Treatment for adult asthma 1	Adrenal insufficiency (AI) as an underestimated risk factor in severe asthma.	Japan
10644	Poster Session 32	PE32-13	Treatment for adult asthma 1	Comparison of combinations of ICS, LABA, and LAMA as triple agent in patients with BA, COPD, and ACO patients.	Japan
10360	Poster Session 33	PE33-1	Treatment for adult asthma 2	Stratification by blood eosinophil counts and levels of fractional exhaled nitric oxide characterizes subclasses of patients with severe asthma.	Japan
10685	Poster Session 33	PE33-2	Treatment for adult asthma 2	The analysis of Tfh/Tfr cells and house dust mite(HDM)-specific immunoglobulins in patients with atopic asthma comorbid with allergic rhinitis receiving HDM-sublingual immunotherapy	Japan
10686	Poster Session 33	PE33-3	Treatment for adult asthma 2	Transcriptome analysis of patients with refractory asthma for predicting the efficacy of bronchial thermoplasty	Japan
10708	Poster Session 33	PE33-4	Treatment for adult asthma 2	Investigation of the relationship between serum TSLP levels and other cytokines and patient background in adults with asthma	Japan
10047	Poster Session 33	PE33-5	Treatment for adult asthma 2	Changes of the clinical and serum biomarkers after anti-IL5 treatment in patients with severe eosinophilic asthma	Republic of Korea

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10125	Poster Session 33	PE33-6	Treatment for adult asthma 2	The Effectiveness and Safety of one-year use of Benralizumab in 19 Japanese patients with severe asthma in clinical practice	Japan
10186	Poster Session 33	PE33-7	Treatment for adult asthma 2	Omalizumab to prevent exacerbations in children and adolescents with moderate-to-severe allergic asthma: an overview of systematic reviews	China
10200	Poster Session 33	PE33-8	Treatment for adult asthma 2	Clinical experience of the use of mepolizumab in treatment of severe asthma	Greece
10254	Poster Session 33	PE33-9	Treatment for adult asthma 2	Pretreatment serum allergen-specific IgE and omalizumab responsiveness in severe allergic asthma	Japan
10260	Poster Session 33	PE33-10	Treatment for adult asthma 2	Three-year outcomes after bronchial thermoplasty for severe uncontrolled asthmatic patients	Japan
10358	Poster Session 33	PE33-11	Treatment for adult asthma 2	Effect of dupilumab on severe asthma exacerbations in patients with oral corticosteroid-dependent severe asthma with and without improvements in lung function	United States of America
10377	Poster Session 33	PE33-12	Treatment for adult asthma 2	Treatment effects and safety of bronchial thermoplasty based on multicenter research in Japan	Japan
10379	Poster Session 33	PE33-13	Treatment for adult asthma 2	The relationship between the effectiveness of anti-IL-5 antibodies and mucous plugs in severe asthma	Japan
10398	Poster Session 33	PE33-14	Treatment for adult asthma 2	Biological agents for severe asthma: A retrospective study of clinical utility and safety from real-world experience	Japan
10597	Poster Session 33	PE33-15	Treatment for adult asthma 2	Clinical features and effects of biologic agents for severe asthma	Japan
10613	Poster Session 33	PE33-16	Treatment for adult asthma 2	Effectiveness and safety of dupilumab for severe asthmatic patients in clinical practice	Japan
10630	Poster Session 33	PE33-17	Treatment for adult asthma 2	Mepolizumab 100 mg/4 weeks as a maintenance therapy in patients affected by EGPA and severe steroid-dependent asthma with systemic vasculitis in remission phase	Italy
10725	Poster Session 33	PE33-18	Treatment for adult asthma 2	Atopic iper-IgE patient treated with monoclonal anti-IL4/IL13: an endotype-driven approach	Italy