

EAACI Congress 2024

Valencia, Spain

31 May - 3 June



Revolutionising Patient Care
Through the Power of Data Science



#EAACIcongress

www.eaaci.org



Abstract Prize Winners

Thematic Poster Sessions
(TPS)

Presenter	Session	number	Title	Abstract ID
Andrea Iglesias Amaya	Allergy diagnosis 1	TPS01	Refractory avocado anaphylaxis, what are we missing about it; new allergens?	002068
María Isabel Montañez	Allergy diagnosis 2	TPS02	Clavulanic acid-based Nanoarchitectures to study basophil activation mechanisms: an in vitro tool to improve diagnosis of Clavulanic acid allergy	001655
Simona Abraityte	Allergy diagnosis 3	TPS03	Interference of cross-reactive carbohydrates (CCDs) in the determination of specific IgE in allergy testing	000761
Kirsten Stewart	Asthma 1	TPS04	Effects of dupilumab on quality of life and airflow obstruction in refractory type 2 high severe unified airways disease	000109
Sergio José Quevedo Teruel	Asthma 2	TPS05	Severe asthma in pediatrics and Dupilumab after failure with Omalizumab	002039
Anna Chalidou	Asthma 3	TPS06	The role of platelets in the development of the allergic airway inflammation phenotype	000856
Mariana Bragança	Food allergy 1	TPS07	Kiwifruit allergy in children: the role of component resolved diagnosis	000354
Elias Marquart	Food allergy 2	TPS08	Pink peppercorn: low cross-reactivity in a high-risk pistachio allergic patient with atopic dermatitis and indolent systemic mastocytosis	000302
Laura Barbero Igualada	Food allergy 3	TPS09	Occupational dyspnea induced by the inhalation of vapors during rice steaming in a restaurant owner	000487
Ana Vitória Soares	Drug allergy 1	TPS10	Unveiling the Impact of NSAIDs Hypersensitivity Reactions: A Tertiary Hospital Perspective	000993
Elisabeth Gössinger	Drug allergy 2	TPS11	Generalised fixed drug eruption induced by propofol: A rare case of delayed type IV hypersensitivity reaction	001568

Presenter	Session	number	Title	Abstract ID
Beatrice Aiuto	Allergen immunotherapy 1	TPS12	Molecular tools in support to walnut oral immunotherapy	001477
Gábor Papp	Immune deficiencies and autoimmunity 1	TPS14	Altered microRNA expression profiles in circulating follicular T helper and B cells in systemic lupus erythematosus	001147
Ivan Cherrez-Ojeda	Dermatology 1	TPS15	The UCARE Study on the Prevalence of Sleep Disorders and Nighttime Bruxism in People with Chronic Urticaria	000274
Yasutaka Mitamura	Dermatology 2	TPS16	Differential regulation of immune-related genes in the skin of non-responders and allergic individuals following exposure to p-phenylenediamine	000394
Maria Otał-Buesa	Anaphylaxis 1	TPS17	Utility of peak flow in interpreting subjective chest tightness during food challenge	001625
Manon Blauwblomme	Biologicals 1	TPS18	Real-Life Effectiveness of Mepolizumab and Omalizumab in Sever Uncontrolled Chronic Rhinosinusitis with Nasal Polyps: A Prospective Study	001135
Deniz İlğün Gürel	Pediatrics 1	TPS19	Sleep Quality In Parents And Children With Atopic Dermatitis In Early Childhood (<3 years)	001099
Luc Colas	Basic immunology 1	TPS20	Impact of atopy on graft outcome in kidney transplant recipients	001738
Patrick Huber	ENT 1	TPS21	Real-world data show sustained therapeutic effects of dupilumab in chronic rhinosinusitis with nasal polyps (CRSwNP) over 3 years	100320
Berihun Zeleke	Epidemiology 1	TPS22	Eczema in Australian adults: a population-based study	000025
Marina Pérez-Gordo	Biomarkers 1	TPS24	Identification of metabolic biomarkers associated to allergic diseases in newborns (BIOPAL)	100296
Maria Polo López	AllergoOncology	TPS25	Cytokine release syndrome due to intravenous trastuzumab with tolerance of subcutaneous administration	000770

Presenter	Session	number	Title	Abstract ID
Jeremy Corriger	Artificial Intelligence	TPS26	Development and Evaluation of Algorithmic and GAN-Based Approaches for Synthetic Data Generation in Allergology	000905
Nathalie Domis	Prevention	TPS27	Evaluation of temperature-controlled laminar airflow technology to filter aeroallergen-contaminated ambient air in environmental exposure chamber	100050
Soyoon Sim	Microbiome	TPS28	Association between Acinetobacter baumannii-derived extracellular vesicles and chronic urticaria	000585
Juliette Charpy	Allergy diagnosis 4	TPS30	Performance comparison between Phadiatop and Sx01 multi-allergen tests for airborne allergy diagnosis	000251
Pénélope Bourgoin	Allergy diagnosis 5	TPS31	Peanut and tree nut allergy screening by Basophil Activation Testing	001969
Ilkim Deniz Toprak	Allergy diagnosis 6	TPS32	Acquired angioedema: addressing the underlying disease	000978
Galyna Yeryomenko	Asthma 5	TPS34	Unique role of Candida albicans sensitization in management of asthma patients living underground during military operations in Ukraine	001301
Sumin Lee	Asthma 6	TPS35	Genome-wide association study identifies CACNA2D3 associated with asthma and atopic dermatitis multimorbidity in children	001077
Anna Nowak-Wegrzyn	Food allergy 4	TPS36	Understanding the Lived Experience of Food Allergies: A Social Media Listening Study	000553
Büşra Koçali	Food allergy 5	TPS37	Cow's milk protein allergy is not a risk factor for early childhood caries	001165
ANKITA MISHRA	Food allergy 6	TPS38	Clover grass as a novel sustainable protein source: In-silico, in-vitro and in-vivo evaluation of sensitizing capacity	001244

Presenter	Session	number	Title	Abstract ID
Ingrid Terreehorst	Drug allergy 3	TPS39	Harmony and disharmony between studies regarding cross allergy in β -lactam antibiotic allergy	001512
Nicolas Jung	Drug allergy 4	TPS40	Flow cytometric based lymphocyte activation test measuring CD69 upregulation by an absolute count-based T-cell analysis in patients with delayed-type reactions to beta-lactam antibiotics	000370
Emilie Roy	Allergen immunotherapy 3	TPS41	Abatacept to induce remission of peanut allergy during oral immunotherapy (ATARI trial): baseline peanut-specific T cell responses of participants	000349
Monica Antón Gironés	Allergen immunotherapy 4	TPS42	Immunological changes induced by a salsola kaly extract in patients with allergic rhinitis or rhinitis and asthma	001227
Bohdana Doskaliuk	Immune deficiencies and autoimmunity 3	TPS44	Exploring Macrophage Responses in Systemic Sclerosis: Experimental Insights and Therapeutic Potential of Vitamin D3 and Alpha-Tocopherol Acetate	000797
Yuko Honda	Dermatology 3	TPS45	Effects of topical JAK inhibitor on skin inflammation and itching in FADS mouse	000120
Marek Niedozytko	Anaphylaxis 2	TPS46	Clinical characteristics of mastocytosis in Poland based on Polish Registry of Mastocytosis	001520
Ana Vitória Soares	Pediatrics 2	TPS48	Introducing tree nuts to peanut allergic patients: it's not peanuts at all!	000934
Sandhya Bangaru	Basic immunology 2	TPS49	Structural analysis of an intact IgE using cryo electron microscopy and molecular dynamic simulations	001038
Leandra Mfuna Endam	ENT 2	TPS50	PERSISTENT REDUCTION OF TOTAL SERUM IgE IN CRSwNP AFTER ESS WITH SHORT COURSE DUPILUMAB	000810
Annika Eggstein	COVID19 1	TPS51	Exposure of nasal epithelial cells with pollen aerosols and coronavirus	001341

Presenter	Session	number	Title	Abstract ID
Javier Subiza	Aerobiology and pollution 2	TPS52	Allergenic pollen and pollinosis in Madrid, a study of 45 years	100077
Fátima Felgueiras	Occupational allergy 1	TPS53	Exploring associations between health symptoms prevalence and indoor air quality in Portuguese office buildings	000392
Gabriela Pretre	Insect venom hypersensitivities	TPS54	Determination of sensitization pattern of patients with anaphylaxis to <i>Vespa velutina</i> in the north of Spain	001228
Célia M. Antunes	Environmental allergy and climate change and One Health	TPS55	Quercus Pollen Allergy Risk in Alentejo, Portugal, in a climate change scenario	100374
Rashmi Jain	Allergy asthma and a sport	TPS56	Delayed On-demand Treatment of Hereditary Angioedema Attacks: Patient Perceptions and Associated Barriers	000665
edwin tucker	Epithelial cell biology	TPS57	Safety, Pharmacokinetics (PK) and Pharmacodynamics (PD) of Briquilimab after Single Subcutaneous (SC) Administration to Healthy Male and Female Participants	000789
Paula Galvan Blasco	Systems medicine	TPS58	Empowering tomorrow's Allergy leaders: unveiling the organizational excellence of CAJMIR within SEAIC	001674
Marie-Elise Castaing-Lavignottes	Allergy diagnosis 7	TPS59	Feasibility to incorporate a long-term freezing between sample processing and sample analysis in a streamlined approach to basophil activation test	001976
Ana Luísa Pinhal	Allergy diagnosis 8	TPS60	DRESS to isoniazid in pregnancy with a short latency period: a multidisciplinary approach	001439
Silvia Calvo-Serrano	Allergy diagnosis 9	TPS61	Cytometer harmonization through BAT as part of IVDR implementation strategy	000855
Mihaela Ruxandra Udrea	Asthma 7	TPS62	Dupilumab-induced skin reaction in a patient with severe asthma and chronic rhinosinusitis with nasal polyposis and without prior skin conditions	001060

Presenter	Session	number	Title	Abstract ID
Remo Poto	Asthma 8	TPS63	Subcellular Localization and Differential Effects of TSLP Isoforms on Human Lung Macrophages	001923
Christian Woehlk	Asthma 9	TPS64	Allergen Immunotherapy Improves Bronchial Epithelial Tolerance and Antiviral Responses in Patients with House Dust Mite Allergic Asthma	001584
Patricia Mir-Ihara	Food allergy 7	TPS65	Exploring gender-related patterns in lipid transfers protein (LTP) allergy	001594
Paulien Verscheure	Food allergy 8	TPS66	Grass juice-induced contact and respiratory symptoms associate with cross-reactivity to plant foods and herbs, a novel entity	001173
Juan Meng	Drug allergy 5	TPS67	Allergy test outcomes in Chinese mainland patients self-reported as having penicillin allergy	001047
Hugo Wai Fung Mak	Drug allergy 6	TPS68	Mapping the shifting paradigm in β -lactam and penicillin allergy research: A bibliometric review	001558
Pedro Ayuso	Drug allergy 7	TPS69	Variability in the genes involved in the cellular redox status, and their association with drug hypersensitivity reactions to nonsteroidal anti-inflammatory drugs and β -lactam antibiotics	001574
Eric Fromentin	Allergen immunotherapy 5	TPS70	Impact of liquid sublingual immunotherapy on asthma worsening prevention: GINA treatment stepping up results from the real-world EfficAPSI study	000240
Delphine GOBERT	Immune deficiencies and autoimmunity 4	TPS71	Idiopathic angioedema due to acquired C1-inhibitor deficiency: a multicenter French cohort study of 34 patients	000811
Chiara De Renzis	Immune deficiencies and autoimmunity 5	TPS72	Evaluation of renal involvement in Common Variable Immunodeficiency: a multicenter study	001418
Ozlem Su Kucuk	Dermatology 4	TPS73	The effectiveness and safety of Abrocitinib treatment for severe atopic dermatitis in the real-world data in Turkey	000294

Presenter	Session	number	Title	Abstract ID
Nadia Shobnam	Dermatology 5	TPS74	Exploring the controversy and pathogenesis of Topical Steroid Withdrawal Syndrome	000204
Matija Rijavec	Anaphylaxis 3	TPS75	Basal serum tryptase levels identify hereditary α -tryptasemia but are poor predictors of clonal mast cell disease in Hymenoptera venom allergy	000518
Pascal Gasser	Biologicals 3	TPS76	MY006: anti-allergen multispecific antibody for the treatment of peanut allergy	001621
Stefanie Gilles	Basic immunology 3	TPS78	A possible contribution of pollen-derived serotonin to DC-mediated Th2 inflammation	001327
Mohamed Fareed Jeebhay	Epidemiology 2	TPS79	Occupational risk factors for asthma-related outcomes in Tanzanian seaweed harvesting and processing workers	000069
Kayla Zhang	COVID19 2	TPS80	Rheumatological Complications in Long-COVID and Associated Biomarkers	001834
Alma Villaseñor	Biomarkers 2	TPS81	Metabolome analysis of T effector and T regulatory cells from severe pollen allergic patients, a pilot study	100248
Vera van Kampen	Occupational allergy 2	TPS82	Serial fractional exhaled nitric oxide measurements at and off work: usefulness for diagnosis and tertiary prevention of occupational asthma	000064
Alina Makeeva	Mastocytosis and mast cells	TPS83	Targeting the JAK/STAT pathway with JAK2-selective inhibitors, but not JAK1-selective or JAK1/2 inhibitors, reduces proliferation and induces apoptosis in human neoplastic mast cells	100265
Alfred Doyle	Eosinophilic esophagitis	TPS84	Tissue-specific inducible expression of IL-33 elicits features of eosinophilic esophagitis	001783
Martha Cabrera	Allied health and primary care	TPS85	An EAACI Task Force Report: Global assessment of the knowledge and confidence in managing allergic disorders amongst primary care paediatricians across Europe	000226
Elke Vandewalle	Genomics and proteomics	TPS86	Doxycycline therapy reduced local nasal inflammation and promoted wound healing after FESS in Chronic Rhinosinusitis patients	100339

Presenter	Session	number	Title	Abstract ID
Tamara El Saadany	Allergy diagnosis 10	L-TPS01	An investigation of metal- and additive-allergy patterns in 225 prosthesis patients	100120
Renato Finco Gambier	Immune deficiencies and autoimmunity 6	L-TPS03	Exploring cardiovascular disease and mortality in Italian Common Variable Immunodeficiency (CVID) Patients: a multicenter investigation	100072
Paola Leonor Quan	Allergy diagnosis 11	L-TPS04	Does the Ratio between Allergen and Histamine Wheal Surface-Areas Correlate with the Detection of Specific IgE by a Microarray Platform?	100363
Hilal Demir	Allergen immunotherapy 6	L-TPS05	Facilitated antigen-presentation assays indicate differences in IgE-cross-blocking of antibodies following SLIT with recombinant Bet v 1 or Mal d 1	100210
Radovan Mijanovic	Dermatology 6	L-TPS06	Efficacy of lanadelumab on attack frequency and AE-QoL in Serbian patients with hereditary angioedema	100151
Tania Galán Díez	Allergy diagnosis 12	L-TPS07	Allergy to chirimoya – "Chirimoya & Parietaria Judaica: Exploring Pollen-Fruit Syndrome"	100108
Isabela Assugeni	Food allergy 9	L-TPS08	Unravelling Cross-Sensitization Patterns in Peanut-Allergic Children to legumes and beyond: Insights from Multiplex Array Analyses	100141
Stefan Zielen	Allergen immunotherapy 7	L-TPS09	Meta-analysis of primary endpoint of PQ Grass field studies with optimized dose and treatment regimen of PQ Grass	100084
Hanna Mayerhofer	Immunomodulation and nutrition	L-TPS10	Exploring a beta-lactoglobulin-based food for specific medical purposes (FSMP) for dietary management of chronic inflammation in atopic dermatitis: insights from mouse studies	100112