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Bereiche

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Publikationen (42)

Santos A, Riggioni C, Agache I, Akdis C, Akdis M, Alvarez-Perea A, Alvaro-Lozano M, Ballmer-Weber B, Barni S, Beyer K, Bindslev-Jensen C, Brough H, Buyuktiryaki B, Chu D, Del Giacco S, Dunn Galvin A, Eberlein B, Ebisawa M, Eigenmann P, Eiwegger T, Feeney M, Fernández-Rivas M, Fisher H, Fleischer D, Giovannini M, Gray C, Hoffmann-Sommergruber K, Halken S, Hourihane J, Jones C, Jutel M, Knol E, Konstantinou G, Lack G, Lau S, Marques Mejias A, Marchisotto M, Meyer R, Mortz C, Moya B, Muraro A, Nilsson C, Lopes de Oliveira L, O'Mahony L, Papadopoulos N, Perrett K, Peters R, Podestà M, Poulsen L, Roberts G, Sampson H, Schwarze J, Smith P, Tham E, Untersmayr E, Van Ree R, Venter C, Vickery B, Vlieg-Boerstra B, Werfel T, Worm M, du Toit G, Skypala I. EAACI guidelines on the diagnosis of IgE-mediated food allergy. *Allergy* 2023; 78:3057-3076.

Kallen E, Revers A, Fernandez-Rivas M, Asero R, Ballmer-Weber B, Barreales L, Belohlavkova S, de Blay F, Clausen M, Dubakiene R, Ebisawa M, Fernández-Perez C, Fritsche P, Fukutomi Y, Gislason D, Hoffmann-Sommergruber K, Jedrzejczak-Czechowicz M, Knulst A, Kowalski M, Kralimarkova T, Lidholm J, Metzler C, Mills E, Papadopoulos N, Popov T, Purohit A, Reig I, Seneviratne S, Sinaniotis A, Takei M, Versteeg S, Vassilopoulou A, Vieths S, Welsing P, Zwinderman A, Le T, Van Ree R. A European-Japanese study on peach allergy: IgE to Pru p 7 associates with severity. *Allergy* 2023; 78:2497-2509.

Reese I, Schäfer C, Ballmer-Weber B, Beyer K, Dölle-Bierke S, van Dullemen S, Jappe U, Müller S, Schnadt S, Treudler R, Worm M. Vegan diets from an allergy point of view - Position paper of the DGAKI working group on food allergy. *Allergol Select* 2023; 7:57-83.

Dramburg S, Hilger C, Santos A, de Las Vecillas L, Aalberse R, Acevedo N, Aglas L, Altmann F, Arruda K, Asero R, Ballmer-Weber B, Barber D, Beyer K, Biedermann T, Bilo M, Blank S, Bosshard P, Breiteneder H, Brough H, Bublin M, Campbell D, Caraballo L, Caubet J, Celi G, Chapman M, Chruszcz M, Custovic A, Czolk R, Davies J, Douladiris N, Eberlein B, Ebisawa M, Ehlers A, Eigenmann P, Gadermaier G, Giovannini M, Gomez F, Grohman R, Guillet C, Hafner C, Hamilton R, Hauser M, Hawranek T, Hoffmann H, Holzhauser T, Iizuka T, Jacquet A, Jakob T, Janssen-Weets B, Jappe U, Jutel M, Kalic T, Kamath S, Kespohl S, Kleine-Tebbe J, Knol E, Knulst A, Konradsen J, Korošec P, Kuehn A, Lack G, Le T, Lopata A, Luengo O, Mäkelä M, Marra A, Mills C, Morisset M, Muraro A, Nowak-Węgrzyn A, Nugraha R, Ollert M, Palosuo K, Pastorello E, Patil S, Platts-Mills T, Pomés A, Poncet P, Potapova E, Poulsen L, Radauer C, Radulovic S, Raulf M, Rougé P, Sastre J, Sato S, Scala E, Schmid J, Schmid-Grendelmeier P, Schrama D, Sénéchal H, Traidl-Hoffmann C, Valverde-Monge M, van Hage M, Van Ree R, Verhoeckx K, Vieths S, Wickman M, Zakzuk J, Matricardi P, Hoffmann-Sommergruber K. EAACI Molecular Allergology User's Guide 2.0. *Pediatr Allergy Immunol* 2023; 34 Suppl 28:e13854.

Paolucci M, Wullemin N, Homère V, Bieli D, Köhli A, Ballmer-Weber B, Waeckerle-Men Y, Pengo N, Kündig T, Sonati T, Johansen P. Targeting Ara h 2 with human-derived monoclonal antibodies prevents peanut-induced anaphylaxis in mice. *Allergy* 2023; 78:1605-1614.

Paolucci M, Wullemin N, Köhli A, Ballmer-Weber B, Severin Y, Waeckerle-Men Y, Arena C, Homère V, Bieli D, Kündig T, Sonati T, Johansen P. Multivariate allergen-specific analysis and profiling of serum antibodies from patients with peanut allergy. *Clin Exp Allergy* 2022; 53:353-358.

Prodić I, Smiljanić K, Nagl C, Ballmer-Weber B, Hoffmann-Sommergruber K, Veličković T. INFOGEST Digestion Assay of Raw and Roasted Hazelnuts and Its Impact on Allergens and Their IgE Binding Activity. *Foods* 2022; 11

Muraro A, de Silva D, Halken S, Worm M, Khaleva E, Arasi S, Dunn-Galvin A, Nwaru B, de Jong N, Rodríguez Del Río P, Turner P, Smitham P, Bégin P, Angier E, Arshad H, Ballmer-Weber B, Beyer K, Bindslev-Jensen C, Cianferoni A, Demoulin C, Deschildre A, Ebisawa M, Fernandez-Rivas M, Flocchi A, Flokstra-de Blok B, Gerdts J, Gradman J, Grimshaw K, Jones C, Lau S, Loh R, Alvaro M, Mäkelä M, Marchisotto M, Meyer R, Mills C, Nilsson C, Nowak-Węgrzyn A, Nurmatov U, Pajno G, Podestà M, Poulsen L, Sampson H, Sanchez A, Schnadt S, Szajewska H, Van Ree R, Venter C, Vlieg-Boerstra B, Warner A, Wong G, Wood R, Zuberbier T, Roberts G. Managing food allergy: GALEN guideline 2022. *World Allergy Organ J* 2022; 15:100687.

Turner P, Arasi S, Ballmer-Weber B, Baseggio Conrado A, Deschildre A, Gerdts J, Halcken S, Muraro A, Patel N, Van Ree R, de Silva D, Worm M, Zuberbier T, Roberts G. Risk factors for severe reactions in food allergy: Rapid evidence review with meta-analysis. *Allergy* 2022; 77:2634-2652.

Geier J, Schubert S, Reich K, Skudlik C, Ballmer-Weber B, Brehler R, Weisshaar E, Uter W. Contact sensitization to essential oils: IVDK data of the years 2010-2019. *Contact dermatitis* 2022; 87:71-80.

Geier J, Ballmer-Weber B, Buhl T, Rieker-Schwienbacher J, Mahler V, Dickel H, Schubert S. Is benzyl alcohol a significant contact sensitizer?. *J Eur Acad Dermatol Venereol* 2022; 36:866-872.

Wuillemin N, Ballmer-Weber B, Schlapbach C, Jörg L, Yerly D. The Activation Pattern of Drug-Reacting T Cells Has an Impact on the Clinical Picture of Hypersensitivity Reactions. *Front Allergy* 2022; 3:804605.

Wangorsch A, Lidholm J, Mattsson L, Larsson H, Reuter A, Gubesch M, Gadermaier G, Bures P, Scheurer S, Ballmer-Weber B, Vieths S. Identification of a defensin as novel allergen in celery root: Api g 7 as a missing link in the diagnosis of celery allergy?. *Allergy* 2021; 77:1294-1296.

Zuberbier T, Dörr T, Aberer W, Alvaro-Lozano M, Angier E, Arasi S, Arshad H, Ballmer-Weber B, Bartra J, Beck L, Bégin P, Bindslev-Jensen C, Bislimovska J, Bousquet J, Brockow K, Bush A, Cianferoni A, Cork M, Custovic A, Darsow U, de Jong N, Deleanu D, Del Giacco S, Deschildre A, Dunn Galvin A, Ebisawa M, Fernández-Rivas M, Ferrer M, Fiocchi A, Gerth van Wijk R, Gotua M, Grimshaw K, Grünhagen J, Heffler E, Hide M, Hoffmann-Sommergruber K, Incorvaia C, Janson C, John S, Jones C, Jutel M, Katoh N, Kendziora B, Kinaciyan T, Knol E, Kurbacheva O, Lau S, Loh R, Lombardi C, Mäkelä M, Marchisotto M, Makris M, Maurer M, Meyer R, Mijakoski D, Minov J, Mullol J, Nilsson C, Nowak-Wegrzyn A, Nwaru B, Odemyr M, Pajno G, Paudel S, Papadopoulos N, Renz H, Ricci G, Ring J, Rogala B, Sampson H, Senna G, Sitkauskiene B, Smith P, Stevanovic K, Stoleski S, Szajewska H, Tanaka A, Todo-Bom A, Topal F, Valovirta E, Van Ree R, Venter C, Wöhrl S, Wong G, Zhao Z, Worm M. Proposal of 0.5 mg of protein/100 g of processed food as threshold for voluntary declaration of food allergen traces in processed food-A first step in an initiative to better inform patients and avoid fatal allergic reactions: A GA²LEN position paper. *Allergy* 2021; 77:1736-1750.

Fernández-Rivas M, Gómez García I, Gonzalo-Fernández A, Fuentes Ferrer M, Dölle-Bierke S, Marco-Martín G, Ballmer-Weber B, Asero R, Belohlavkova S, Beyer K, de Blay F, Clausen M, Datema M, Dubakiene R, Grimshaw K, Hoffmann-Sommergruber K, Hourihane J, Jedrzejczak-Czechowicz M, Knulst A, Kralimarkova T, Le T, Papadopoulos N, Popov T, Poulsen L, Purohit A, Seneviratne S, Simpson A, Sinaniotis A, Turkalji M, Vázquez-Cortés S, Vera-Berrios R, Muraro A, Worm M, Roberts G, Van Ree R, Fernández-Perez C, Turner P, Mills E. Development and validation of the food allergy severity score. *Allergy* 2021; 77:1545-1558.

Zuberbier T, Abdul Latiff A, Abuzakouk M, Aquilina S, Asero R, Baker D, Ballmer-Weber B, Bangert C, Ben-Shoshan M, Bernstein J, Bindslev-Jensen C, Brockow K, Brzoza Z, Chong Neto H, Church M, Criado P, Danilycheva I, Dressler C, Ensina L, Fonacier L, Gaskins M, Gáspár K, Gelincik A, Giménez-Arnau A, Godse K, Gonçalo M, Grattan C, Grosber M, Hamelmann E, Hébert J, Hide M, Kaplan A, Kapp A, Kessel A, Kocatürk E, Kulthanan K, Larenas-Linnemann D, Lauerma A, Leslie T, Magerl M, Makris M, Meshkova R, Metz M, Micalef D, Mortz C, Nast A, Oude-Elberink H, Pawankar R, Pigatto P, Ratti Sisa H, Rojo Gutiérrez M, Saini S, Schmid-Grendelmeier P, Sekerel B, Siebenhaar F, Siiskonen H, Soria A, Staubach-Renz P, Stingeni L, Sussman G, Szegedi A, Thomsen S, Vadasz Z, Vestergaard C, Wedi B, Zhao Z, Maurer M. The international EAACI/GA²LEN/EuroGuiDerm/APAAACI guideline for the definition, classification, diagnosis, and management of urticaria. *Allergy* 2021; 77:734-766.

Reese I, Zuberbier T, Werfel T, Treudler R, Szepfalusi Z, Schäfer C, Saloga J, Lepp U, Lämmel S, Klimek L, Kleine-Tebbe J, Dölle-Bierke S, Beyer K, Ballmer-Weber B, Worm M. Guideline on management of suspected adverse reactions to ingested histamine: Guideline of the German Society for Allergology and Clinical Immunology (DGAKI), the Society for Pediatric Allergology and Environmental Medicine (GPA), the Medical Association of German Allergologists (AeDA) as well as the Swiss Society for Allergology and Immunology (SGAI) and the Austrian Society for Allergology and Immunology (ÖGAI). *Allergol Select* 2021; 5:305-314.

Turner P, Patel N, Ballmer-Weber B, Baumert J, Blom W, Brooke-Taylor S, Brough H, Campbell D, Chen H, Chinthrajah R, Crevel R, Dubois A, Ebisawa M, Elizur A, Gerdtts J, Gowland M, Houben G, Hourihane J, Knulst A, La Vieille S, López M, Mills E, Polenta G, Purington N, Said M, Sampson H, Schnadt S, Södergren E, Taylor S, Remington B. Peanut Can Be Used as a Reference Allergen for Hazard Characterization in Food Allergen Risk Management: A Rapid Evidence Assessment and Meta-Analysis. *J Allergy Clin Immunol Pract* 2021; 10:59-70.

Worm M, Lepp U, Mahler V, Nemat K, Raithel M, Saloga J, Schäfer C, Schnadt S, Schreiber J, Szepefalusi Z, Treudler R, Wagenmann M, Werfel T, Lau S, Lange L, Koletzko B, Reese I, Ballmer-Weber B, Beyer K, Bischoff S, Bohle B, Brockow K, Claßen M, Fischer P, Hamelmann E, Jappe U, Kleine-Tebbe J, Klimek L, Zuberbier T. Update of the S2k guideline on the management of IgE-mediated food allergies. *Allergol Select* 2021; 5:195-243.

Mortz C, Worm M, Santos A, Eiwegger T, Comberiati P, Brough H, Brockow K, Bindslev-Jensen C, Beyer K, du Toit G, Ballmer-Weber B. When and how to evaluate for immediate type food allergy in children with atopic dermatitis. *Allergy* 2021; 76:3845-3848.

Datema M, Lyons S, Fernández-Rivas M, Ballmer-Weber B, Knulst A, Asero R, Barreales L, Belohlavkova S, de Blay F, Clausen M, Dubakiene R, Fernández-Perez C, Fritsche P, Gislason D, Hoffmann-Sommergruber K, Jedrzejczak-Czechowicz M, Jongejan L, Kowalski M, Kralimarkova T, Lidholm J, Papadopoulos N, Popov T, Del Prado N, Purohit A, Reig I, Seneviratne S, Sinaniotis A, Vassilopoulou E, Versteeg S, Vieths S, Welsing P, Mills E, Le T, Zwinderman A, Van Ree R. Estimating the Risk of Severe Peanut Allergy Using Clinical Background and IgE Sensitization Profiles. *Front Allergy* 2021; 2:670789.

Loman L, Rustemeyer T, Sadowska-Przytocka A, Sánchez-Pérez J, Scherer Hofmeier K, Schliemann S, Simon D, Spiewak R, Spring P, Valiukevičienė S, Wagner N, Weisshaar E, Pesonen M, Schuttelaar M, Mahler V, Kręcis B, Kränke B, Uter W, Armario-Hita J, Ayala F, Balato A, Ballmer-Weber B, Bauer A, Bircher A, Buhl T, Czarnecka-Operacz M, Dickel H, Fuchs T, Giménez Arnau A, John S, ESSCA Working Group. European Surveillance System on Contact Allergies (ESSCA): Characteristics of patients patch tested and diagnosed with irritant contact dermatitis. *Contact dermatitis* 2021

Worm M, Sturm G, Wedi B, Treudler R, Trautmann A, Schäkel K, Saloga J, Pickert J, Novak N, Jakob T, Homey B, Hötzenecker W, Hawranek T, Hartmann K, Gschwend A, Cuevas M, Brehler R, Ballmer-Weber B, Rueff F. Healthcare provision for insect venom allergy patients during the COVID-19 pandemic. *Allergo J Int* 2020:1-5.

Lyons S, Pontoppidan B, Popov T, Prado N, Purohit A, Reig I, Seneviratne S, Sinaniotis A, Vassilopoulou E, Versteeg S, Vieths S, Zwinderman A, Welsing P, Mills E, Ballmer-Weber B, Knulst A, Fernández-Rivas M, Papadopoulos N, Lidholm J, Datema M, Le T, Asero R, Barreales L, Belohlavkova S, de Blay F, Clausen M, Dubakiene R, Fernández-Perez C, Fritsche P, Gislason D, Hoffmann-Sommergruber K, Jedrzejczak-Czechowicz M, Jongejan L, Kowalski M, Kralimarkova T, Van Ree R. Walnut Allergy Across Europe: Distribution of Allergen Sensitization Patterns and Prediction of Severity. *J Allergy Clin Immunol Pract* 2020

Lyons S, Mustakov T, van Os-Medendorp H, Papadopoulos N, Popov T, Potts J, Versteeg S, Xepapadaki P, Welsing P, Mills C, Van Ree R, Kralimarkova T, Kummeling I, Kowalski M, Knulst A, Burney P, Fernández-Rivas M, Ballmer-Weber B, Barreales L, Bieli C, Clausen M, Dubakiene R, Fernández-Perez C, Jedrzejczak-Czechowicz M, Le T. Predicting food allergy: The value of patient history reinforced. *Allergy* 2020

Whitehouse H, Johnston G, Filon F, Mahler V, Pesonen M, Rustemeyer T, Schuttelaar M, Valiukevičienė S, Weisshaar E, Werfel T, Giménez-Arnau A, Gallo R, Uter W, Geier J, Ballmer-Weber B, Bauer A, Cooper S, Czarnecka-Operacz M, Simon D, Dickel H, Fortina A, Wilkinson S. Formaldehyde 2% is not a useful means of detecting allergy to formaldehyde releasers- results of the ESSCA network, 2015-2018. *Contact dermatitis* 2020

Horton E, Weisshaar E, Rustemeyer T, Sánchez-Pérez J, Simon D, Schuttelaar M, Mahler V, John S, Gonçalo M, Giménez-Arnau A, Dickel H, Bircher A, Bauer A, Ballmer-Weber B, Geier J, Uter W, Wilkinson S. Developing a cosmetic series: Results from the ESSCA network, 2009-2018. *Contact dermatitis* 2020

Pospischil I, Kagerer M, Cozzio A, Angelova-Fischer I, Guenova E, Ballmer-Weber B, Hoetzenecker W. Comparison of the Safety Profiles of 3 Different Hymenoptera Venom Immunotherapy Protocols: A Retrospective 2-Center Study of 143 Patients. *Int Arch Allergy Immunol* 2020; 181:783-789.

Lyons S, Mustakov T, van Os-Medendorp H, Papadopoulos N, Popov T, Potts J, Xepapadaki P, Welsing P, Mills E, Van Ree R, Kummeling I, Kowalski M, Jedrzejczak-Czechowicz M, Knulst A, Burney P, Fernández-Rivas M, Ballmer-Weber B, Barreales L, Bieli C, Clausen M, Dubakiene R, Fernández-Perez C, Le T. Predictors of Food Sensitization in Children and Adults Across Europe. *J Allergy Clin Immunol Pract* 2020; 8:3074-3083.e32.

Lyons S, Mustakov T, Papadopoulos N, Popov T, Xepapadaki P, Welsing P, Potts J, Mills E, Van Ree R, Burney P, Kummeling I, Kralimarkova T, Kowalski M, Clausen M, Knulst A, Ballmer-Weber B, Fernández-Rivas M, Barreales L, Bieli C, Dubakiene R, Fernández-Perez C, Jedrzejczak-Czechowicz M, Le T. Prevalence of Food Sensitization and Food Allergy in Children Across Europe. *J Allergy Clin Immunol Pract* 2020; 8:2736-2746.e9.

Oosterhaven J, Mahler V, Rustemeyer T, Sadowska-Przytocka A, Sánchez-Pérez J, Simon D, Valiukevičienė S, Weisshaar E, Schuttelaar M, Kręćisz B, John S, Giménez-Arnau A, Uter W, Aberer W, Armario-Hita J, Ballmer-Weber B, Bauer A, Czarnecka-Operacz M, Elsner P, García-Gavín J, ESSCA Working Group. European Surveillance System on Contact Allergies (ESSCA): Contact allergies in relation to body sites in patients with allergic contact dermatitis. *Contact Derm* 2018

Mäurer M, Oude-Elberink H, Nettis E, Nast A, Metz M, Meshkova R, Mathelier-Fusade P, Magerl M, Leslie T, Larenas-Linnemann D, Kulthanan K, Rosumeck S, Saini S, Zhao Z, Werner R, Wedi B, Vestergaard C, Vena G, Toubi E, Sussman G, Staubach P, Schmid-Grendelmeier P, Sánchez-Borges M, Kocatürk E, Katelaris C, Kapp A, Canonica G, Buense Bedrikow R, Brzoza Z, Bindslev-Jensen C, Bernstein J, Ballmer-Weber B, Baker D, Abdul Latiff A, Asero R, Aberer W, Church M, Craig T, Kaplan A, Hide M, Hebert J, Grattan C, Gonçalo M, Godse K, Giménez-Arnau A, Ensina L, Dressler C, Danilycheva I, Zuberbier T. The EAACI/GA²LEN/EDF/WAO guideline for the definition, classification, diagnosis and management of urticaria. *Allergy* 2018; 73:1393-1414.

Cazzaniga S, Borradori L, Naldi L, Apfelbacher C, Diepgen T, Huber C, Piletta P, Sonntag A, Anliker M, Bircher A, Spring P, Gräni N, Ballmer-Weber B, Simon D. Chronic hand eczema: A prospective analysis of the Swiss CARPE registry focusing on factors associated with clinical and quality of life improvement. *Contact Derm* 2018; 79:136-148.

Muraro A, Halken S, Hoffmann-Sommergruber K, Lau S, Nilsson C, Poulsen L, Rueff F, Spergel J, Sturm G, Timmermans F, Torres M, Turner P, van Ree R, Wickman M, Worm M, Mills E, Eigenmann P, DunnGalvin A, Cianferoni A, Fernandez-Rivas M, Beyer K, Cardona V, Clark A, Eller E, Hourihane J, Jutel M, Sheikh A, Agache I, Allen K, Angier E, Ballmer-Weber B, Bilò M, Bindslev-Jensen C, Camargo C, Roberts G. The urgent need for a harmonized severity scoring system for acute allergic reactions. *Allergy* 2018; 73:1792-1800.

Ballmer-Weber B, Beyer K. Reply. *J Allergy Clin Immunol* 2018; 141:2323.

Reese I, Lepp U, Mahler V, Mönnikes H, Ockenga J, Otto B, Schnadt S, Szepfalusi Z, Treudler R, Wassmann-Otto A, Zuberbier T, Werfel T, Lange L, Lämmel S, Huttegger I, Schäfer C, Kleine-Tebbe J, Ahrens B, Bachmann O, Ballmer-Weber B, Beyer K, Bischoff S, Blümchen K, Dölle S, Enck P, Enninger A, Worm M. Non-celiac gluten/wheat sensitivity (NCGS)-a currently undefined disorder without validated diagnostic criteria and of unknown prevalence: Position statement of the task force on food allergy of the German Society of Allergology and Clinical Immunology (DGAKI). *Allergo J Int* 2018; 27:147-151.

Lu M, Jin Y, Cerny R, Ballmer-Weber B, Goodman R. Combining 2-DE immunoblots and mass spectrometry to identify putative soybean (*Glycine max*) allergens. *Food Chem Toxicol* 2018; 116:207-215.

Dubois A, Stroheker T, Schnadt S, Remington B, Regent L, O'Hagan S, Gowland M, Chan C, Beyer K, Ballmer-Weber B, Hourihane J, Turner P, Crevel R. How does dose impact on the severity of food-induced allergic reactions, and can this improve risk assessment for allergenic foods?: Report from an ILSI Europe Food Allergy Task Force Expert Group and Workshop. *Allergy* 2018; 73:1383-1392.

Lu M, Jin Y, Ballmer-Weber B, Goodman R. A comparative study of human IgE binding to proteins of a genetically modified (GM) soybean and six non-GM soybeans grown in multiple locations. *Food Chem Toxicol* 2018; 112:216-223.

Cazzaniga S, Simon D, Borradori L, Naldi L, Spring P, Ballmer-Weber B, Schmitt J, Elsner P, Mahler V, Bauer A, Molin S, Weisshaar E, Ofenloch R, Diepgen T, Apfelbacher C, CARPE study groups of Germany and Switzerland. Patterns of chronic hand eczema: a semantic map analysis of the CARPE registry data. *Br J Dermatol* 2017; 178:229-237.

Datema M, Le T, Lidholm J, Papadopoulos N, Popov T, Del Prado N, Purohit A, Reig I, Seneviratne S, Sinaniotis A, Versteeg S, Vieths S, Zwinderman A, Mills E, Fernandez-Rivas M, Kralimarkova T, Kowalski M, van Ree R, Asero R, Barreales L, Belohlavkova S, de Blay F, Clausen M, Dubakiene R, Fernández-Perez C, Fritsche P, Gislason D, Hoffmann-Sommergruber K, Jedrzejczak-Czechowicz M, Jongejan L, Knulst A, Ballmer-Weber B. Component-resolved diagnosis and beyond: Multivariable regression models to predict severity of hazelnut allergy. *Allergy* 2017; 73:549-559.

Ballmer-Weber B, Beyer K. Food challenges. *J Allergy Clin Immunol* 2017; 141:69-71.e2.

Projekte (0)

Keine Resultate gefunden.

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