

Stanford



R. Sharon Chinthrajah

Associate Professor of Medicine (Sean Parker Center for Allergy and Asthma Research - Clinic) and of Pediatrics

CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Food Allergy
- Asthma
- Allergy and Immunology

ACADEMIC APPOINTMENTS

- Associate Professor - University Medical Line, Medicine
- Associate Professor - University Medical Line, Pediatrics - Allergy and Clinical Immunology
- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Board Certification: Allergy and Immunology, American Board of Allergy and Immunology (2014)
- Residency: California Pacific Medical Center Dept of Medicine (2008) CA
- Fellowship: Boston Medical Center (2013) MA
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2012)
- Fellowship: Boston Medical Center (2011) MA
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2010)
- Medical Education: Drexel University College of Medicine (2004) PA

Research & Scholarship

CLINICAL TRIALS

- Clinical Study Using Biologics to Improve Multi OIT Outcomes (COMBINE), Recruiting
- Dupilumab and Milk OIT for the Treatment of Cow's Milk Allergy, Recruiting
- Food Allergy Registry at a Single Site, Recruiting
- Gastrointestinal STRING Test With Oral Immunotherapy, Recruiting

- Systems Biology of Early Atopy, Recruiting
- Understanding Allergies and Sensitizations in Healthy and Allergic Individuals, Recruiting
- Immune Tolerance Dysfunction in Pregnancy Due to Ambient Air Pollution Exposure, Not Recruiting
- Omalizumab as Monotherapy and as Adjunct Therapy to Multi-Allergen OIT in Food Allergic Participants, Not Recruiting
- Remote Monitoring of Respiratory Health, Not Recruiting
- Safety Study of Viaskin Peanut to Treat Peanut Allergy, Not Recruiting

Publications

PUBLICATIONS

- **Omalizumab for the Treatment of Multiple Food Allergies.** *The New England journal of medicine*
Wood, R. A., Togias, A., Sicherer, S. H., Shreffler, W. G., Kim, E. H., Jones, S. M., Leung, D. Y., Vickery, B. P., Bird, J. A., Spergel, J. M., Iqbal, A., Olsson, J., Ligueros-Saylan, et al
2024
- **Corrigendum: Advances and potential of omics studies for understanding the development of food allergy.** *Frontiers in allergy*
Sindher, S. B., Chin, A. R., Aghaeepour, N., Prince, L., Maecker, H., Shaw, G. M., Stevenson, D., Nadeau, K. C., Snyder, M., Khatri, P., Boyd, S. D., Winn, V. D., Angst, et al
2024; 5: 1373485
- **Untargeted metabolomic profiling in children identifies novel pathways in asthma and atopy.** *The Journal of allergy and clinical immunology*
Lejeune, S., Kaushik, A., Parsons, E. S., Chinthrajah, S., Snyder, M., Desai, M., Manohar, M., Prunicki, M., Contrepois, K., Gosset, P., Deschildre, A., Nadeau, K.
2024; 153 (2): 418-434
- **Skin as the Target for Allergy Prevention and Treatment.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Marques-Mejias, A., Bartha, I., Ciaccio, C. E., Chinthrajah, R. S., Chan, S., Hershey, G. K., Hui-Beckman, J. W., Kost, L., Lack, G., Layhadi, J. A., Leung, D. Y., Marshall, H. F., Nadeau, et al
2024
- **IgM N-glycosylation correlates with COVID-19 severity and rate of complement deposition.** *Nature communications*
Haslund-Gourley, B. S., Woloszczuk, K., Hou, J., Connors, J., Cusimano, G., Bell, M., Taramangalam, B., Fourati, S., Mege, N., Bernui, M., Altman, M. C., Krammer, F., van Bakel, et al
2024; 15 (1): 404
- **Features of acute COVID-19 associated with post-acute sequelae of SARS-CoV-2 phenotypes: results from the IMPACC study.** *Nature communications*
Ozonoff, A., Jayavelu, N. D., Liu, S., Melamed, E., Milliren, C. E., Qi, J., Geng, L. N., McComsey, G. A., Cairns, C. B., Baden, L. R., Schaenman, J., Shaw, A. C., Samaha, et al
2024; 15 (1): 216
- **The Role of Biologics in the Treatment of Food Allergy.** *The journal of allergy and clinical immunology. In practice*
Sindher, S. B., Fiocchi, A., Zuberbier, T., Arasi, S., Wood, R. A., Chinthrajah, R. S.
2023
- **The promise of sublingual and other immunotherapy options for infants and toddlers with food allergy.** *The Journal of allergy and clinical immunology*
Anagnostou, A., Upton, J. E., Chinthrajah, R. S.
2023
- **Living with food allergies: the experiences of adult patients and caregivers.** *Frontiers in allergy*
Santos, A. F., Worm, M., Kurita, S., Wong, T., Contato, D., Pirillo, E., Esteban, A. E., Tassinari, P., Perna, F., Chinthrajah, R. S.
2023; 4: 1272851
- **Combining avidin with CD63 improves basophil activation test accuracy in classifying peanut allergy.** *Allergy*
Castaño, N., Chua, K., Kaushik, A., Kim, S., Cordts, S. C., Nafarzadegan, C. D., Hofmann, G. H., Seastedt, H., Schuetz, J. P., Dunham, D., Parsons, E. S., Tsai, M., Cao, et al
2023

- **Multi-omics analysis of mucosal and systemic immunity to SARS-CoV-2 after birth.** *Cell*
Wimmers, F., Burrell, A. R., Feng, Y., Zheng, H., Arunachalam, P. S., Hu, M., Spranger, S., Nyhoff, L. E., Joshi, D., Trisal, M., Awasthi, M., Bellusci, L., Ashraf, et al
2023
- **Widespread monoclonal IgE antibody convergence to an immunodominant, proanaphylactic Ara h 2 epitope in peanut allergy.** *The Journal of allergy and clinical immunology*
Croote, D., Wong, J. J., Pecalvel, C., Leveque, E., Casanovas, N., Kamphuis, J. B., Creeks, P., Romero, J., Sohail, S., Bedinger, D., Nadeau, K. C., Chinthrajah, R. S., Reber, et al
2023
- **Recent Mechanistic Studies in Allergic Diseases.** *International journal of molecular sciences*
Sindher, S. B., Sharma, R., Yarlagadda, M., Chin, A. R., Chinthrajah, R. S.
2023; 24 (18)
- **The SunBEAm birth cohort: Protocol design.** *The journal of allergy and clinical immunology. Global*
Keet, C., Sicherer, S. H., Bunyavanich, S., Visness, C., Fulkerson, P. C., Togias, A., Davidson, W., Perry, S., Hamrah, S., Calatroni, A., Robinson, K., Dunaway, L., Davis, et al
2023; 2 (3)
- **Neuroimmune Pathways and Allergic Disease: An Overview.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Long, A., Ferretti-Gallon, J. J., Chin, A. R., Chinthrajah, R. S., Sindher, S. B.
2023
- **Updated Guidance Regarding The Risk of Allergic Reactions to COVID-19 Vaccines and Recommended Evaluation and Management: A GRADE Assessment, and International Consensus Approach.** *The Journal of allergy and clinical immunology*
Greenhawt, M., Dribin, T. E., Abrams, E. M., Shaker, M., Chu, D. K., Golden, D. B., Akin, C., Anagnostou, A., ALMuhizi, F., Alqurashi, W., Arkwright, P., Baldwin, J. L., Banerji, et al
2023
- **Addendum: Systems vaccinology of the BNT162b2 mRNA vaccine in humans.** *Nature*
Arunachalam, P. S., Scott, M. K., Hagan, T., Li, C., Feng, Y., Wimmers, F., Grigoryan, L., Trisal, M., Edara, V. V., Lai, L., Chang, S. E., Feng, A., Dhingra, et al
2023
- **Refractory anaphylaxis: a new entity for severe anaphylaxis.** *The journal of allergy and clinical immunology. In practice*
Pouessel, G., Deschildre, A., Dribin, T. E., Ansotegui, I. J., Cardona, V., Chinthrajah, R. S., Ebisawa, M., Muraro, A., Roberts, G., Sampson, H. A., Waserman, S., Wood, R., Worm, et al
2023
- **Treatment of food allergy: oral immunotherapy, biologics and beyond.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Sindher, S. B., Hillier, C., Anderson, B., Long, A., Chinthrajah, R. S.
2023
- **Food allergy risks and dining industry - an assessment and a path forward.** *Frontiers in allergy*
Stankovich, G. A., Warren, C. M., Gupta, R., Sindher, S. B., Chinthrajah, R. S., Nadeau, K. C.
2023; 4: 1060932
- **Advances and potential of omics studies for understanding the development of food allergy.** *Frontiers in allergy*
Sindher, S. B., Chin, A. R., Aghaeepour, N., Prince, L., Maecker, H., Shaw, G. M., Stevenson, D. K., Nadeau, K. C., Snyder, M., Khatri, P., Boyd, S. D., Winn, V. D., Angst, et al
2023; 4: 1149008
- **Quantitative analysis of urinary cytokines in food-allergic and healthy individuals.** *Allergy*
Lee, A. S., Parsons, E. S., Chang, I., Dunham, D., Chinthrajah, R. S., Nadeau, K. C.
2023
- **The role of biologics in pediatric food allergy and eosinophilic gastrointestinal disorders.** *The Journal of allergy and clinical immunology*
Sindher, S. B., Barshow, S., Tirumalasetty, J., Arasi, S., Atkins, D., Bauer, M., Bégin, P., Collins, M. H., Deschildre, A., Doyle, A. D., Fiocchi, A., Furuta, G. T., Garcia-Lloret, et al

2023; 151 (3): 595-606

- **WAO consensus on DEFINITION of Food Allergy SEverity (DEFASE).** *The World Allergy Organization journal*
Arasi, S., Nurmatov, U., Dunn-Galvin, A., Roberts, G., Turner, P. J., Shinder, S. B., Gupta, R., Eigenmann, P., Nowak-Wegrzyn, A., Ansotegui, I. J., Rivas, M. F., Petrou, S., Tanno, et al
2023; 16 (3): 100753
- **Transitioning from epicutaneous to oral peanut immunotherapy.** *Frontiers in allergy*
Wong, L., Kost, L., Anderson, B., Long, A., Sindher, S. B., Chinthrajah, R. S., Collins, W. J.
2023; 4: 1089308
- **Retail Food Equivalents for Post-Oral Immunotherapy Dosing in the Omalizumab as Monotherapy and as Adjunct Therapy to Multi-Allergen Oral Immunotherapy in Food-Allergic Children and Adults (OUTMATCH) Clinical Trial.** *The journal of allergy and clinical immunology. In practice*
Groetch, M., Mudd, K., Woch, M., Schaible, A., Gray, B. E., Babineau, D. C., Bird, J. A., Jones, S., Kim, E. H., Lanser, B. J., Poyser, J., Rogers, N., Shreffler, et al
2023; 11 (2): 572-580.e2
- **Management of Eosinophilic Esophagitis in Pediatric Patients Undergoing Food Allergen Oral Immunotherapy**
Jia, X., Chin, A., Khavari, N., Haija, M., McGhee, S., Chinthrajah, S., Sindher, S.
MOSBY-ELSEVIER.2023: AB88
- **The Impact of Persistent Gastrointestinal Symptoms on Completion of Oral Immunotherapy in Clinical Trials**
Lim, J., Cao, S., Chinthrajah, S., Sindher, S.
MOSBY-ELSEVIER.2023: AB34
- **Multiplexed Tissue Imaging for Immune Cells Profiling During Peanut Allergy Immunotherapy**
Kaushik, A., Angoshtari, R., Kwow, S., Kambham, N., Fernandez-Becker, N., Manohar, M., Angelo, M., Galli, S., Nadeau, K., Dekruyff, R., Chinthrajah, S.
MOSBY-ELSEVIER.2023: AB34
- **The Effects of Long-term Food Oral Immunotherapy on Compliance, Quality of Life, and Perceived Burden of Care**
Tirumalasetty, J., Sullivan, L., Martinez, K., Collins, W., Albarran, M., Gajare, P., Kost, L., Chinthrajah, S., Sindher, S., Cao, S.
MOSBY-ELSEVIER.2023: AB29
- **Efficacy of a 6-Month Online Market Platform in Addressing Food Insecurity and Supporting Food Allergy Management in Predominantly Spanish-speaking and Low-income communities During the COVID-19 Pandemic**
Albarran, M., Warren, C., Chinthrajah, S., Green, C., Martinez, E., Brown, E., Martinez, K., Woch, M.
MOSBY-ELSEVIER.2023: AB201
- **Systems biological assessment of the temporal dynamics of immunity to a viral infection in the first weeks and months of life.** *medRxiv : the preprint server for health sciences*
Wimmers, F., Burrell, A. R., Feng, Y., Zheng, H., Arunachalam, P. S., Hu, M., Spranger, S., Nyhoff, L., Joshi, D., Trisal, M., Awasthi, M., Bellusci, L., Ashraf, et al
2023
- **A novel mass cytometry protocol optimized for immunophenotyping of low-frequency antigen-specific T cells.** *Frontiers in cellular and infection microbiology*
Balz, K., Grange, M., Pegel, U., Karamya, Z. A., Mello, M., Zhou, X., Berger, T., Bloch, K., Dunham, D., Chinthrajah, S., Nadeau, K., Luche, H., Skevaki, et al
2023; 13: 1336489
- **Correction: Quake et al. Early Introduction of Multi-Allergen Mixture for Prevention of Food Allergy: Pilot Study.** *Nutrients* 2022, 14, 737.
Quake, A. Z., Liu, T. A., D'Souza, R., Jackson, K. G., Woch, M., Tetteh, A., Sampath, V., Nadeau, K. C., Sindher, S., Chinthrajah, R. S., Cao, S.
2022; 15 (1)
- **IgE binding epitope mapping with TL1A tagged peptides.** *Molecular immunology*
Zhang, Y., Bhardwaj, S. R., Vilches, A., Breksa, A., Lyu, S., Chinthrajah, S., Nadeau, K. C., Jin, T.
2022; 153: 194-199
- **Omalizumab in IgE-mediated food allergy: A systematic review and meta-analysis.** *The journal of allergy and clinical immunology. In practice*
Zuberbier, T., Wood, R. A., Bindslev-Jensen, C., Fiocchi, A., Chinthrajah, R. S., Worm, M., Deschildre, A., Fernandez-Rivas, M., Santos, A. F., Jaumont, X., Tassinari, P.
2022

- **Expression, purification, characterization, and patient IgE reactivity of new macadamia nut iso-allergen.** *Protein expression and purification*
Zhang, Y., Bhardwaj, S. R., Lyu, S. C., Chinthrajah, S., Nadeau, K. C., Li, C.
2022; 106211
- **HLA-associated outcomes in peanut oral immunotherapy trials identify mechanistic and clinical determinants of therapeutic success.** *Frontiers in immunology*
Kanchan, K., Shankar, G., Huffaker, M. F., Bahnson, H. T., Chinthrajah, R. S., Sanda, S., Manohar, M., Ling, H., Paschall, J. E., Toit, G. D., Ruczinski, I., Togias, A., Lack, et al
2022; 13: 941839
- **Food-specific immunoglobulin A does not correlate with natural tolerance to peanut or egg allergens.** *Science translational medicine*
Liu, E. G., Zhang, B., Martin, V., Anthonypillai, J., Kraft, M., Grishin, A., Grishina, G., Catanzaro, J. R., Chinthrajah, S., Sindher, T., Manohar, M., Quake, A. Z., Nadeau, et al
2022; 14 (671): eabq0599
- **CD8+ T cell differentiation status correlates with the feasibility of sustained unresponsiveness following oral immunotherapy.** *Nature communications*
Kaushik, A., Dunham, D., Han, X., Do, E., Andorf, S., Gupta, S., Fernandes, A., Kost, L. E., Sindher, S. B., Yu, W., Tsai, M., Tibshirani, R., Boyd, et al
2022; 13 (1): 6646
- **Comorbidity defines risk of asthmatics for COVID-19 hospitalization: a global perspective.** *The Journal of allergy and clinical immunology*
Skevaki, C., Chinthrajah, R. S., Fomina, D., Rohde, G., Cao, S., He, Z., Serdotetskova, S., Seidemann, C., Grunewaldt, A., Vengadeswaran, A., Xie, M., Karsonova, A., Karaulov, et al
2022
- **Protocol design and synopsis: Omalizumab as Monotherapy and as Adjunct Therapy to Multiallergen OIT in Children and Adults with Food Allergy (OItMATCH).** *The journal of allergy and clinical immunology. Global*
Wood, R. A., Chinthrajah, R. S., Rudman Spergel, A. K., Babineau, D. C., Sicherer, S. H., Kim, E. H., Shreffler, W. G., Jones, S. M., Leung, D. Y., Vickery, B. P., Bird, J. A., Spergel, J. M., Kulis, et al
2022; 1 (4): 225-232
- **The rationale for development of ligelizumab in food allergy.** *The World Allergy Organization journal*
Wood, R. A., Chinthrajah, R. S., Eggel, A., Bottoli, I., Gautier, A., Woisetschlaeger, M., Tassinari, P., Altman, P.
2022; 15 (9): 100690
- **Reply.** *The Journal of allergy and clinical immunology*
Chinthrajah, R. S., Togias, A., Wood, R. A.
2022
- **Treatment for Food Allergy: Current Status and Unmet Needs.** *The Journal of allergy and clinical immunology*
Dantzer, J. A., Kim, E. H., Chinthrajah, R. S., Wood, R. A.
2022
- **The Impact of COVID-19 on a national sample of US Adults with Food Allergy.** *The journal of allergy and clinical immunology. In practice*
Warren, C., Sherr, J., Sindher, S., Nadeau, K. C., Casale, T. B., Ward, D., Gupta, R., Chinthrajah, R. S.
2022
- **Phenotypes of disease severity in a cohort of hospitalized COVID-19 patients: Results from the IMPACC study.** *EBioMedicine*
Ozonoff, A., Schaenman, J., Jayavelu, N. D., Milliren, C. E., Calfee, C. S., Cairns, C. B., Kraft, M., Baden, L. R., Shaw, A. C., Krammer, F., van Bakel, H., Esserman, D. A., Liu, et al
2022; 83: 104208
- **Anti-nucleocapsid antibody levels and pulmonary comorbid conditions are linked to post-COVID-19 syndrome.** *JCI insight*
Jia, X., Cao, S., Lee, A. S., Manohar, M., Sindher, S. B., Ahuja, N., Artandi, M., Blish, C. A., Blomkalns, A. L., Chang, I., Collins, W. J., Desai, M., Din, et al
2022; 7 (13)
- **Integrated plasma proteomic and single-cell immune signaling network signatures demarcate mild, moderate, and severe COVID-19.** *Cell reports. Medicine*
Feyaerts, D., Hédou, J., Gillard, J., Chen, H., Tsai, E. S., Peterson, L. S., Ando, K., Manohar, M., Do, E., Dhondalay, G. K., Fitzpatrick, J., Artandi, M., Chang, et al
2022: 100680
- **Food allergy, mechanisms, diagnosis and treatment: Innovation through a multi-targeted approach.** *Allergy*

- Sindher, S. B., Long, A., Chin, A. R., Hy, A., Sampath, V., Nadeau, K. C., Chinthrajah, R. S.
2022
- **Current insights: a systemic review of therapeutic options for peanut allergy.** *Current opinion in allergy and clinical immunology*
O'Rourke, E., Tang, H., Chin, A., Long, A., Sindher, S., Chinthrajah, R. S.
2022; 22 (3): 188-193
 - **Updated threshold dose-distribution data for sesame.** *Allergy*
Turner, P. J., Gretzinger, M., Patel, N., Brough, H., Chinthrajah, R. S., Ebisawa, M., Elizur, A., Koplin, J. J., Peters, R. L., Purington, N., Nowak-Wegrzyn, A., Saf, S., Sampson, et al
2022
 - **Providing a safe nest for improved healthcare outcomes in pregnant women with asthma.** *The journal of allergy and clinical immunology. In practice*
Sindher, S. B., Fast, K., Nadeau, K. C., Chinthrajah, R. S.
2022
 - **Early Introduction of Multi-Allergen Mixture for Prevention of Food Allergy: Pilot Study.** *Nutrients*
Quake, A. Z., Liu, T. A., D'Souza, R., Jackson, K. G., Woch, M., Tetteh, A., Sampath, V., Nadeau, K. C., Sindher, S., Chinthrajah, R. S., Cao, S.
2022; 14 (4)
 - **Dose-related allergic adverse events during multi-food oral immunotherapy**
Gajare, P., Cao, S., Anderson, B., Lloret, M., Zedeck, S., Kost, L., Nadeau, K., Chinthrajah, S., Sindher, S., Long, A.
MOSBY-ELSEVIER.2022: AB34
 - **Feasibility of Virtual Reality Technology to Improve Experience During Pediatric Oral Food Challenge**
Collins, W., Adlou, B., Rodriguez, A., Albarran, M., O'Neal, E., Weiss, T., Hsu, K., Sindher, S., Bailenson, J., Caruso, T., Chinthrajah, S.
MOSBY-ELSEVIER.2022: AB108
 - **Addressing Food Insecurity and Improving Food Allergy Management among Pediatric Patient/Caregiver Dyads During the COVID Pandemic**
Albarran, M., Warren, C., Chinthrajah, S., Martinez, E., Casareno, L., Rodriguez, A., Brown, E., Hampton, Q., Martinez, K., Kost, L.
MOSBY-ELSEVIER.2022: AB158
 - **Updating the CoFAR Grading Scale for Systemic Allergic Reactions in Food Allergy**
Chinthrajah, S., Jones, S., Kim, E., Sicherer, S., Shreffler, W., Lanser, B., Atri, N., Babineau, D., Adelman, D., Iqbal, A., Limb, S., Spergel, A., Togias, et al
MOSBY-ELSEVIER.2022: AB107
 - **Self-reported food allergy-associated anxiety during oral immunotherapy declines with time**
Jiang, S., Cao, S., Collins, W., Fast, K., Hampton, Q., Landes, G., Martinez, K., Tang, H., Sindher, S., Chinthrajah, S.
MOSBY-ELSEVIER.2022: AB140
 - **SARS-CoV-2 and Perceived Physical, Mental and Social Health in Northern California**
Fast, K., Lee, A., Hampton, Q., Chinthrajah, S., Sindher, S., Jia, X., Collins, W., Nadeau, K., Cao, S.
MOSBY-ELSEVIER.2022: AB46
 - **Using Nevisense Go to Identify Skin Epithelial Barrier Defect**
Lewis, S., Adlou, B., Kost, L., Nadeau, K., Chinthrajah, S., Long, A., Fast, K., Sindher, S.
MOSBY-ELSEVIER.2022: AB6
 - **Climate Change and Global Health: A Call to more Research and more Action.** *Allergy*
Agache, I., Sampath, V., Aguilera, J., Akdis, C., Akdis, M., Barry, M., Bouagnon, A., Chinthrajah, S., Collins, W., Dulitzki, C., Erny, B., Gomez, J., Goshua, et al
1800
 - **Efficacy and safety of oral immunotherapy in children aged 1-3 years with peanut allergy (the Immune Tolerance Network IMPACT trial): a randomised placebo-controlled study.** *Lancet (London, England)*
Jones, S. M., Kim, E. H., Nadeau, K. C., Nowak-Wegrzyn, A., Wood, R. A., Sampson, H. A., Scurlock, A. M., Chinthrajah, S., Wang, J., Pesek, R. D., Sindher, S. B., Kulis, M., Johnson, et al
1800; 399 (10322): 359-371
 - **Durability of immune responses to the BNT162b2 mRNA vaccine** *MED*
Suthar, M. S., Arunachalam, P. S., Hu, M., Reis, N., Trisal, M., Raeber, O., Chinthrajah, S., Davis-Gardner, M. E., Manning, K., Mudvari, P., Boritz, E., Godbole, S., Henry, et al

2022; 3 (1): 25-27

- **Durability of immune responses to the BNT162b2 mRNA vaccine.** *Med (New York, N.Y.)*
Suthar, M. S., Arunachalam, P. S., Hu, M., Reis, N., Trisal, M., Raeber, O., Chinthrajah, S., Davis-Gardner, M. E., Manning, K., Mudvari, P., Boritz, E., Godbole, S., Henry, et al
2022; 3 (1): 25-27
- **Updating the CoFAR Grading Scale for Systemic Allergic Reactions in Food Allergy.** *The Journal of allergy and clinical immunology*
Chinthrajah, R. S., Jones, S. M., Kim, E. H., Sicherer, S. H., Shreffler, W., Lanser, B. J., Atri, N., Babineau, D. C., Adelman, D. C., Iqbal, A., Limb, S. L., Rudman Spergel, A. K., Togias, et al
2022
- **Gastrointestinal T cells reveal differentially expressed transcripts and enriched pathways during peanut oral immunotherapy.** *Allergy*
Zhang, W., Krishna Dhondalay, G., Liu, T. A., Kaushik, A., Hoh, R., Kwok, S., Kambham, N., Fernandez-Becker, N. Q., Andorf, S., Desai, M., Galli, S. J., Boyd, S. D., Nadeau, et al
2022
- **Efficacy and safety of oral immunotherapy in children aged 1-3 years with peanut allergy (the Immune Tolerance Network IMPACT trial): a randomised placebo-controlled study** *LANCET*
Jones, S. M., Kim, E. H., Nadeau, K. C., Nowak-Wegrzyn, A., Wood, R. A., Sampson, H. A., Scurlock, A. M., Chinthrajah, S., Wang, J., Pesek, R. D., Sindher, S. B., Kulis, M., Johnson, et al
2022; 399 (10322): 359-371
- **A phase 2, randomized multi oral immunotherapy with Omalizumab 'real life' study.** *Allergy*
Sindher, S. B., Kumar, D., Cao, S., Purington, N., Long, A., Sampath, V., Zedeck, S. S., Woch, M. A., Garcia-Lloret, M., Chinthrajah, R. S.
2022
- **Immune imprinting, breadth of variant recognition, and germinal center response in human SARS-CoV-2 infection and vaccination.** *Cell*
Röltgen, K., Nielsen, S. C., Silva, O., Younes, S. F., Zaslavsky, M., Costales, C., Yang, F., Wirz, O. F., Solis, D., Hoh, R. A., Wang, A., Arunachalam, P. S., Colburg, et al
2022
- **Oral Immunotherapy in Children: Clinical Considerations and Practical Management.** *Journal of asthma and allergy*
Anderson, B., Wong, L., Adlou, B., Long, A., Chinthrajah, R. S.
2021; 14: 1497-1510
- **Food allergy across the globe.** *The Journal of allergy and clinical immunology*
Sampath, V., Abrams, E. M., Adlou, B., Akdis, C., Akdis, M., Brough, H. A., Chan, S., Chatchatee, P., Chinthrajah, R. S., Cocco, R. R., Deschildre, A., Eigenmann, P., Galvan, et al
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