



## R. Sharon Chinthrajah

Professor of Pediatric Food Allergy, Immunology and Asthma, Professor of Pediatrics (Allergy and Clinical Immunology) and, by courtesy, of Pathology Medicine

### CLINICAL OFFICE (PRIMARY)

- **Biomedical Innovations**

240 Pasteur Dr Rm 1755

Palo Alto, CA 94304

Tel (650) 521-7237      Fax (650) 724-0198

### Bio

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#### CLINICAL FOCUS

- Food Allergy
- Asthma
- Allergy and Immunology

#### ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine
- Professor - University Medical Line, Pediatrics - Allergy and Clinical Immunology
- Professor - University Medical Line (By courtesy), Pathology
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)

#### PROFESSIONAL EDUCATION

- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2024)
- Board Certification: Allergy and Immunology, American Board of Allergy and Immunology (2025)
- Residency: California Pacific Medical Center Dept of Medicine (2008) CA
- Fellowship: Boston Medical Center (2013) MA
- 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

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#### CLINICAL TRIALS

- COMBINE, Recruiting

- Prescreening, Recruiting
- SNP Registry, Recruiting
- Understanding Allergies and Sensitizations in Healthy and Allergic Individuals, Recruiting
- Dupilumab and Milk OIT for the Treatment of Cow's Milk Allergy, Not Recruiting
- EoE Treet, Not Recruiting
- Gastrointestinal STRING Test With Oral Immunotherapy, Not 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
- REALISE, Not Recruiting
- Remote Monitoring of Respiratory Health, Not Recruiting
- SUNBEAM, Not Recruiting
- Understanding COVID-19 Vaccine Immunity in Tissue and Blood, Not Specified

## Publications

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### PUBLICATIONS

- **Author Correction: Machine learning models predict long COVID outcomes based on baseline clinical and immunologic factors.** *Communications medicine*  
Doni Jayavelu, N., Samaha, H., Wimalasena, S. T., Hoch, A., Gygi, J. P., Gabernet, G., Ozonoff, A., Liu, S., Milliren, C. E., Levy, O., Baden, L. R., Melamed, E., Ehrlich, et al  
2026; 6 (1)
- **Risk Factors for the Development of Food Allergy in Infants and Children: A Systematic Review and Meta-Analysis.** *JAMA pediatrics*  
Islam, N., Chu, A. W., Sheriff, F., Foroutan, F., Guyatt, G. H., Brignardello-Petersen, R., Oykman, P., Iorio, A., Izcovich, A., Morrison, K. M., Roldan Benitez, Y., Couban, R. J., Borovsky, et al  
2026
- **Management of gastrointestinal symptoms during oral immunotherapy: Guidance from OUtMATCH Investigators.** *The journal of allergy and clinical immunology. In practice*  
Sindher, S. B., Chehade, M., Dellon, E. S., Jones, S. M., Spergel, J. M., Lin, A., Rogers, N. H., Wood, R. A., Shreffler, W. G., Burk, C. M., Kim, E. H., Virkud, Y. V., Scurlock, et al  
2026
- **Analysis Of The Safety and Efficacy Of At-Home Oral Food Challenges For Almond, Macadamia Nut, Pine Nut and Brazil Nut**  
Gizzo, L., Chinthrajah, S., Shrank, S., Williams, K., Treyster, Z.  
MOSBY-ELSEVIER.2026
- **T Cell and Dendritic Cell Immune Changes in Food-Allergic Children and Adults Treated with Omalizumab Monotherapy and as Adjunct to Multi-Allergen Oral Immunotherapy (OUtMATCH)**  
Zhou, X., Cheong, A., Jimenez, C., Johnson, M., Sindher, S., Kim, E., Kulis, M., Shreffler, W., Bird, J., Jones, S., Wang, J., Lanser, B., Wood, et al  
MOSBY-ELSEVIER.2026
- **Genetic Determinants of Peanut-Specific IgG4 Levels in the Context of Sustained Oral Peanut Exposure in the LEAP Study.** *Immunology*  
Kanchan, K., Cerosaletti, K., Perry, J. A., DuToit, G., Manohar, M., Ling, H., Paschall, J. E., Sanda, S., Chinthrajah, R. S., Nepom, G. T., Nadeau, K. C., Jones, S. M., Lack, et al  
2026
- **Machine learning models predict long COVID outcomes based on baseline clinical and immunologic factors.** *Communications medicine*  
Doni Jayavelu, N., Samaha, H., Wimalasena, S. T., Hoch, A., Gygi, J. P., Gabernet, G., Ozonoff, A., Liu, S., Milliren, C. E., Levy, O., Baden, L. R., Melamed, E., Ehrlich, et al  
2026; 6 (1): 1
- **Quality of life is impaired in shrimp allergic adults and caregivers.** *Frontiers in allergy*

- Hearrell, M. L., Anvari, S., Chinthrajah, S., Hasan, S., Huston, D. P., Li, E., Lin, C. H., Kim, E., Lopata, A. L., Singh Saini, S., Sindher, S., Sriaroon, P., Su, et al  
2025; 6: 1622538
- **Natural disasters and food allergy preparedness.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*  
Shroba, J., Russell, A., Protudjer, J. L., Kleiner, G., Gupta, R., Chinthrajah, R. S., Shaker, M., Greenhawt, M., Anagnostou, A.  
2025
  - **Distinct DNA methylation in mother-infant dyads exposed to PM2.5 in pregnancy.** *Clinical epigenetics*  
Klibaner-Schiff, E., Simonin, E. M., Kaushik, A., Jung, Y. S., Zhou, X., Thompson, E., Chinthrajah, R. S., Johnson, M. M., Nadeau, K. C.  
2025; 17 (1): 197
  - **Exploratory Analyses of Predictors and Correlates of Response to Omalizumab Therapy in Patients with Multiple Food Allergies.** *The Journal of allergy and clinical immunology*  
Chinthrajah, R. S., Kulis, M., Jones, S. M., Sicherer, S., Wang, J., Shreffler, W., Burk, C. M., Kim, E., Keet, C., Sindher, S., Long, A. J., Scurlock, A. M., Lanser, et al  
2025
  - **Peanut allergy oral immunotherapy drives single-cell multi-omic changes in peanut-reactive T cells associated with sustained unresponsiveness.** *Nature immunology*  
Han, X., Skatova, V., Mikelov, A., Ji, X., Hoh, R. A., Lee, J. Y., Cao, S., Seastedt, H., Schuetz, J., Fernandes, A., Singhal, A., Grubert, F., DeKruyff, et al  
2025
  - **Type 2 immune responses are associated with less severe COVID-19 in a hospitalized cohort.** *The journal of allergy and clinical immunology. Global*  
Jayavelu, N. D., Qi, J., Milliren, C. E., Ozonoff, A., Liu, S., Levy, O., Baden, L. R., Melamed, E., McComsey, G. A., Cairns, C. B., Schaenman, J., Shaw, A. C., Hafler, et al  
2025; 4 (4): 100515
  - **Food allergy severity across the world: A World Allergy Organization international survey.** *The World Allergy Organization journal*  
Arasi, S., Morais-Almeida, M., Martin, B. L., Wing-Kin Wong, G., Ansoategui, I. J., Ebisawa, M., Custovic, A., Santos, A., Nowak-Wegrzyn, A., Stoddart, A., Deschildre, A., Cianferoni, A., Muraro, et al  
2025; 18 (11): 101123
  - **Trends in allergen-reactive CRTH2+ T cells and TARC associated with successful outcomes in a phase 2 cashew oral immunotherapy study.** *Frontiers in immunology*  
Sindher, S. B., Fernandes, A., Manohar, M., Cao, S., Gupta, S., Parsons, E., Bogetic, D., Kumar, D., Rogers, J., Thompson, J., Dunham, D., Do, E., Maysel-Auslender, et al  
2025; 16: 1655975
  - **Circulating endothelial signatures correlate with worse outcomes in COVID-19, respiratory failure and ARDS.** *Critical care (London, England)*  
Costa Monteiro, A. C., Pickering, H., Sarma, A., Taylor, C. S., Jenkins, M. M., Hsu, F. M., Nadel, B., Levy, O., Baden, L. R., Melamed, E., Ehrlich, L. I., McComsey, G. A., Sekaly, et al  
2025; 29 (1): 432
  - **Emerging Role of Novel Therapeutics.** *Immunology and allergy clinics of North America*  
Sindher, S. B., O'Rourke, E., Tan, W., Chin, A. R., Chinthrajah, R. S.  
2025; 45 (3): 419-427
  - **Shrimp oral immunotherapy outcomes in the phase 2 clinical trial: MOTIF.** *Frontiers in allergy*  
Jiang, S. Y., Cao, S., Martinez, K., Sharma, R., Raeber, O., Fernandes, A., Bogetic, D., Kaushik, A., Gupta, S., Manohar, M., Maeker, H. T., Chin, A. R., Long, et al  
2025; 6: 1458131
  - **A hand-operated microfluidic sample preparation-to-analysis workflow for simplifying the basophil activation test.** *Lab on a chip*  
Castano, N., Chua, K., Nguyen, A., Marshall, W., Hofmann, G. H., Lee, J., Tsai, M., Sindher, S. B., Nadeau, K. C., Chinthrajah, R. S., Galli, S. J., Tang, S. K.  
2025
  - **Immune impacts of fire smoke exposure.** *Nature medicine*

- Johnson, M. M., Kaushik, A., Kline, O. A., Smith, E. M., Zhou, X., Pat, Y., Buergi, L., Aguilera, J., Alkotob, S., Simonin, E. M., Favaro, A., Couto, M., Bennett, et al  
2025
- **Introduction of Allergenic Foods After Treatment with Omalizumab.** *The Journal of allergy and clinical immunology*  
Dantzer, J., Virkud, Y., Wang, J., Sicherer, S., Groetch, M., Shreffler, W., Pyle, D., Kim, E., Keet, C., Kulis, M., Mudd, K., Sindher, S., Long, et al  
2025
  - **Impact of age and prior COVID-19 on the response to influenza a components in the 2020-2021 Fluzone vaccine.** *Vaccine*  
Ashraf, U., Lee, A., Gao, Q., Gonzalez, J. C., Scallan, C., Chinthrajah, R. S., Maecker, H. T., Davis, M. M., Nadeau, K. C., Chakraborty, S., Wang, T. T.  
2025; 56: 127171
  - **Fine Particulate Matter From 2020 California Wildfires and Mental Health-Related Emergency Department Visits.** *JAMA network open*  
Jung, Y. S., Johnson, M. M., Burke, M., Heft-Neal, S., Bondy, M. L., Chinthrajah, R. S., Cullen, M. R., Nelson, L., Dresser, C., Nadeau, K. C.  
2025; 8 (4): e253326
  - **Long-Term Safety of Epicutaneous Immunotherapy in Peanut-Allergic Children: An Open-Label Active Treatment (REALISE Study).** *The journal of allergy and clinical immunology. In practice*  
Pongracic, J. A., Gagnon, R., Sussman, G., Siri, D., Oriol, R. C., Brown-Whitehorn, T. F., Anvari, S., Berger, W. E., Bird, J. A., Chan, E. S., Chinthrajah, R. S., Chong, H. J., Fineman, et al  
2025
  - **Disease diagnostics using machine learning of B cell and T cell receptor sequences.** *Science (New York, N.Y.)*  
Zaslavsky, M. E., Craig, E., Michuda, J. K., Sehgal, N., Ram-Mohan, N., Lee, J. Y., Nguyen, K. D., Hoh, R. A., Pham, T. D., Röltgen, K., Lam, B., Parsons, E. S., Macwana, et al  
2025; 387 (6736): eadp2407
  - **Long-Term Assessment of Antibody Profiles after the IMPACT Peanut Oral Immunotherapy Trial: Findings from the IMPACT-PLuS Follow-up**  
Virkud, Y., Dantzer, J., Cox, A., Penumarti, A., Kesselring, J., Mudd, K., Sindher, S., Scurlock, A., Hamilton, D., Anania, N., Ayash, J., DeLaCruz, K., Nawaz, et al  
MOSBY-ELSEVIER.2025: AB444
  - **Implementation and Impacts of a Multi-site, Online Food-as-Medicine Intervention for Pediatric Food Allergy Patients at Risk of Food Insecurity**  
Warren, C., Bilaver, L., Davis, C., Love, M., Martinez, E., Brown, E., Pitts, K., Onal, C., Chinthrajah, S.  
MOSBY-ELSEVIER.2025: AB446
  - **Host-microbe multiomic profiling identifies distinct COVID-19 immune dysregulation in solid organ transplant recipients.** *Nature communications*  
Pickering, H., Schaenman, J., Phan, H. V., Maguire, C., Tsitsiklis, A., Roupheal, N., Higuera, N. I., Atkinson, M. A., Brakenridge, S., Fung, M., Messer, W., Salehi-Rad, R., Altman, et al  
2025; 16 (1): 586
  - **Addressing health disparities in food allergy: A Position Statement of the AAAAI Prior Authorization Task Force** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*  
Anagnostou, A., Wang, J., Chinthrajah, S., Gupta, R., Davis, C. M., Parrish, C., Lo, R., Groetch, M., Herbert, L., Shroba, J., Sansweet, S., Shaker, M., Rolling, et al  
2025; 155 (1): 53-61
  - **Towards a common approach for managing food allergy and serious allergic reactions (anaphylaxis) at school. GA2LEN and EFA consensus statement.** *Clinical and translational allergy*  
Deschildre, A., Alvaro-Lozano, M., Muraro, A., Podesta, M., de Silva, D., Giovannini, M., Barni, S., Dribin, T. E., Sandoval-Ruballos, M., Anagnostou, A., Fiocchi, A., Toniolo, A., Bird, et al  
2025; 15 (1): e70013
  - **Treatment of food allergy: Immunotherapy, omalizumab, or both.** *The journal of allergy and clinical immunology. In practice*  
Brough, H. A., Kim, E. H., Anagnostou, A., Lanser, B. J., Chinthrajah, R. S., Sindher, S. B.  
2024
  - **Efficacy and Safety of Dupilumab in Children With Peanut Allergy: A Multicenter, Open-Label, Phase II Study.** *Allergy*

- Sindher, S. B., Nadeau, K. C., Chinthrajah, R. S., Leflein, J. G., Bégin, P., Ohayon, J. A., Ponda, P., Wambre, E., Liu, J., Khokhar, F. A., Akinlade, B., Maloney, J., Orengo, et al  
2024
- **Dupilumab as an Adjunct to Oral Immunotherapy in Pediatric Patients With Peanut Allergy.** *Allergy*  
Chinthrajah, R. S., Sindher, S. B., Nadeau, K. C., Leflein, J. G., Spergel, J. M., Petroni, D. H., Jones, S. M., Casale, T. B., Wang, J., Carr, W. W., Shreffler, W. G., Wood, R. A., Wambre, et al  
2024
  - **10 practical priorities to prevent and manage serious allergic reactions: GA2LEN ANACare and EFA Anaphylaxis Manifesto.** *Clinical and translational allergy*  
Muraro, A., de Silva, D., Podesta, M., Anagnostou, A., Cardona, V., Halcken, S., Smith, P., Tanno, L. K., Turner, P., Worm, M., Alvaro-Lozano, M., Arasi, S., Asarj, et al  
2024; 14 (12): e70009
  - **Management of eosinophilic esophagitis in pediatric patients undergoing oral immunotherapy for food allergies: A two-center case series.** *The journal of allergy and clinical immunology. In practice*  
Hardwick, G., Sia, T., Bacchus, L., Jia, X., Chin, A. R., Khavari, N., Abu El Hajja, M., McGhee, S., Chinthrajah, R. S., Leung, J., Sindher, S. B.  
2024
  - **The use and implementation of omalizumab as food allergy treatment: Consensus-based guidance and Work Group Report of the Adverse Reactions to Foods Committee of the American Academy of Allergy, Asthma & Immunology.** *The Journal of allergy and clinical immunology*  
Anagnostou, A., Bird, J. A., Chinthrajah, S., Dribin, T. E., Fleischer, D. M., Kim, E., Nowak-Wegrzyn, A., Rachid, R., Shaker, M. S., Shreffler, W., Sicherer, S., Tam, J., Vickery, et al  
2024
  - **GA2LEN ANACARE consensus statement: Potential of omalizumab in food allergy management.** *Clinical and translational allergy*  
Zuberbier, T., Muraro, A., Nurmatov, U., Arasi, S., Stevanovic, K., Anagnostou, A., Bonaguro, R., Chinthrajah, S., Lack, G., Fiocchi, A., Le, T., Turner, P., Lozano, et al  
2024; 14 (11): e70002
  - **HLA-DR+regulatory T cells and IL-10 are associated with success or failure of desensitization outcomes.** *Allergy*  
Zhou, X., Dunham, D., Sindher, S. B., Long, A., Fernandes, A., Chang, I., Assa'ad, A., Pongracic, J., Spergel, J. M., Tam, J., Tilles, S., Wang, J., Boyd, et al  
2024
  - **Does Comorbid Food Allergy Affect Response to Omalizumab in Patients with Asthma?** *Journal of asthma and allergy*  
Fiocchi, A., Chinthrajah, R. S., Anstegui, I. J., Sriaroon, P., Mustafa, S. S., Raut, P., Cameron, B., Gupta, S., Fleischer, D. M.  
2024; 17: 889-900
  - **Omalizumab Implementation in Practice: Lessons Learned from the OUtMATCH Study.** *The journal of allergy and clinical immunology. In practice*  
Vickery, B. P., Bird, J. A., Chinthrajah, R. S., Jones, S. M., Keet, C. A., Kim, E. H., Leung, D. Y., Shreffler, W. G., Sicherer, S. H., Sinder, S., Spergel, J., Wood, R. A.  
2024
  - **Association of cytotoxic effector memory CD8+ T cells with sustained unresponsiveness after peanut oral immunotherapy.** *Allergy*  
Seastedt, H., Han, X., Fernandes, A., Galli, S. J., Boyd, S. D., Nadeau, K. C., Manohar, M., Chinthrajah, S.  
2024
  - **Elucidating allergic reaction mechanisms in response to SARS-CoV-2 mRNA vaccination in adults.** *Allergy*  
Shah, M. M., Layhadi, J. A., Hourcade, D. E., Fulton, W. T., Tan, T. J., Dunham, D., Chang, I., Vel, M. S., Fernandes, A., Lee, A. S., Liu, J., Arunachalam, P. S., Galli, et al  
2024
  - **Omalizumab for the Treatment of Multiple Food Allergies. Reply.** *The New England journal of medicine*  
Wood, R. A., Togias, A., Chinthrajah, R. S.  
2024; 390 (20): 1936
  - **Preparing Patients for Oral Immunotherapy (PPOINT): International Delphi consensus for procedural preparation and consent.** *The Journal of allergy and clinical immunology*

- Mack, D. P., Dribin, T. E., Turner, P. J., Wasserman, R. L., Hanna, M. A., Shaker, M., Tang, M. L., Rodríguez Del Río, P., Sobolewski, B., Abrams, E. M., Anagnostou, A., Arasi, S., Bajowala, et al  
2024
- **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
  - **Epigenetic Mechanisms In Allergic Diseases During Pregnancy**  
Simonin, E., Jung, Y., Tsai, M., Boyd, S., Chinthrajah, S., Galli, S., Nadeau, K.  
MOSBY-ELSEVIER.2024: AB376
  - **Efficacy of peanut oral immunotherapy is not impacted by the development of persistent gastrointestinal symptoms**  
Sindher, S., Thompson, J., Boyd, S., Galli, S., Nadeau, K., Chinthrajah, S.  
MOSBY-ELSEVIER.2024: AB121
  - **Spatiotemporal Immune Cells Profiling in Gastrointestinal Tissue Biopsies to Detect Oral Immunotherapy Induced Changes in Peanut Allergic Individuals**  
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.2024: AB371
  - **Spatiotemporal Immune Cells Profiling in Gastrointestinal Tissue Biopsies to Detect Oral Immunotherapy Induced Changes in Peanut Allergic Individuals**  
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.2024: AB371
  - **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
  - **Challenges in designing interventions for food insecure families with food allergy in a Californian latinx cohort.** *Frontiers in allergy*  
Albarran, M., Brown, E., Martinez, E., Chin, A. R., Sindher, S. B., Warren, C. M., Chinthrajah, R. S.  
2024; 5: 1389687
  - **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
  - **Single cell multi-omic analysis identifies key genes differentially expressed in innate lymphoid cells from COVID-19 patients.** *Frontiers in immunology*

- Kaushik, A., Chang, I., Han, X., He, Z., Komlosi, Z. I., Ji, X., Cao, S., Akdis, C. A., Boyd, S., Pulendran, B., Maecker, H. T., Davis, M. M., Chinthrajah, et al  
2024; 15: 1374828
- **Asthma management in the digital age.** *Frontiers in allergy*  
Bocian, I. Y., Chin, A. R., Rodriguez, A., Collins, W., Sindher, S. B., Chinthrajah, R. S.  
2024; 5: 1451768
  - **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.  
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