

# Stanford

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## R. Sharon Chinthrajah

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

### CLINICAL OFFICES

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### Bio

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### 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
- Clinical Associate Professor, Pediatrics - Immunology and Allergy
- Member, Maternal & Child Health Research Institute (MCHRI)

### PROFESSIONAL EDUCATION

- Residency: California Pacific Medical Center Dept of Medicine (2008) CA
- Board Certification: Allergy and Immunology, American Board of Internal Medicine (2014)
- 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

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### 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
- Safety Study of Viaskin Peanut to Treat Peanut Allergy, Recruiting
- Systems Biology of Early Atopy, Recruiting
- Understanding Allergies and Sensitizations in Healthy and Allergic Individuals, 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

### Publications

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#### PUBLICATIONS

- **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
- **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  
2021; 148 (6): 1347-1364
- **Safety of Epicutaneous Immunotherapy in Peanut-Allergic Children: REALISE Randomized Clinical Trial Results.** *The journal of allergy and clinical immunology. In practice*  
Pongracic, J. A., Gagnon, R., Sussman, G., Siri, D., Oriol, R. C., Brown-Whitehorn, T., Green, T. D., Campbell, D. E., Anvari, S., Berger, W. E., Bird, J. A., Chan, E. S., Cheema, et al  
2021
- **Direct comparison of antibody responses to four SARS-CoV-2 vaccines in Mongolia.** *Cell host & microbe*  
Dashdorj, N. J., Wirz, O. F., Röltgen, K., Haraguchi, E., Buzzanco, A. S., Sibai, M., Wang, H., Miller, J. A., Solis, D., Sahoo, M. K., Arunachalam, P. S., Lee, A. S., Shah, et al  
2021
- **Shrimp-Allergic Patients in a Multi-Food Oral Immunotherapy Trial.** *Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology*  
Nguyen, D. I., Sindher, S. B., Chinthrajah, R. S., Nadeau, K., Davis, C. M.  
2021
- **New-onset IgG autoantibodies in hospitalized patients with COVID-19.** *Nature communications*

- Chang, S. E., Feng, A., Meng, W., Apostolidis, S. A., Mack, E., Artandi, M., Barman, L., Bennett, K., Chakraborty, S., Chang, I., Cheung, P., Chinthrajah, S., Dhingra, et al  
2021; 12 (1): 5417
- **Assessment of Allergic and Anaphylactic Reactions to mRNA COVID-19 Vaccines With Confirmatory Testing in a US Regional Health System.** *JAMA network open*  
Warren, C. M., Snow, T. T., Lee, A. S., Shah, M. M., Heider, A., Blomkalns, A., Betts, B., Buzzanco, A. S., Gonzalez, J., Chinthrajah, R. S., Do, E., Chang, I., Dunham, et al  
2021; 4 (9): e2125524
  - **New-Onset IgG Autoantibodies in Hospitalized Patients with COVID-19**  
Chang, S., Feng, A., Meng, W., Apostolidis, S., Mack, E., Artandi, M., Barman, L., Bennett, K., Chakraborty, S., Chang, I., Cheung, P., Chinthrajah, S., Dhingra, et al  
WILEY.2021: 3202-3205
  - **Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19.** *Allergy*  
Eggert, L. E., He, Z., Collins, W., Lee, A. S., Dhondalay, G., Jiang, S. Y., Fitzpatrick, J., Snow, T. T., Pinsky, B. A., Artandi, M., Barman, L., Puri, R., Wittman, et al  
2021
  - **Improvement in health-related quality of life in food-allergic patients: a meta-analysis.** *The journal of allergy and clinical immunology. In practice*  
Cao, S., Borro, M., Alonzi, S., Sindher, S., Nadeau, K., Chinthrajah, R. S.  
2021
  - **Accurate and Reproducible Diagnosis of Peanut Allergy Using Epitope Mapping.** *Allergy*  
Suarez-Farinas, M., Suprun, M., Kearney, P., Getts, R., Grishina, G., Hayward, C., Luta, D., Porter, A., Witmer, M., du Toit, G., Lack, G., Chinthrajah, R. S., Galli, et al  
2021
  - **Novel application of a discrete time-to-event model for randomized oral immunotherapy clinical trials with repeat food challenges.** *Statistics in medicine*  
Purinton, N., Andorf, S., Bunning, B., Chinthrajah, S., Nadeau, K., Desai, M.  
2021
  - **Systems biological assessment of human immunity to BNT162b2 mRNA vaccination.** *Research square*  
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  
2021
  - **H2-antagonist in IgE-mediated type I hypersensitivity reactions: what literature says so far?** *Clinical and molecular allergy : CMA*  
Borro, M., Negrini, S., Long, A., Chinthrajah, S., Murdaca, G.  
2021; 19 (1): 4
  - **Vaccines and Allergic reactions: the past, the current COVID-19 pandemic, and future perspectives.** *Allergy*  
Sampath, V., Rabinowitz, G., Shah, M., Jain, S., Diamant, Z., Jesenak, M., Rabin, R., Vieths, S., Agache, I., Akdis, M., Barber, D., Breiteneder, H., Chinthrajah, et al  
2021
  - **Immune Changes Beyond Th2 Pathways During Rapid Multifood Immunotherapy enabled with Omalizumab.** *Allergy*  
Manohar, M., Dunham, D., Gupta, S., Yan, Z., Zhang, W., Minnicozzi, S., Kirkey, M., Bunning, B., Chowdhury, R. R., Galli, S. J., Boyd, S. D., Kost, L. E., Chinthrajah, et al  
2021
  - **SARS-CoV-2 infection and COVID-19 in asthmatics: a complex relationship.** *Nature reviews. Immunology*  
Skevaki, C., Karsonova, A., Karaulov, A., Fomina, D., Xie, M., Chinthrajah, S., Nadeau, K. C., Renz, H.  
2021
  - **Integrated plasma proteomic and single-cell immune signaling network signatures demarcate mild, moderate, and severe COVID-19.** *bioRxiv : the preprint server for biology*  
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  
2021
  - **Transcriptomics Of Gastrointestinal Biopsies During Oral Immunotherapy Reveals Changes In IgA Pathway**

Dhondalay, G., Zhang, W., Hoh, R., Kambham, N., Boyd, S., Andorf, S., Manohar, M., Chinthrajah, S., Nadeau, K.  
MOSBY-ELSEVIER.2021: AB166

- **A positive perception of treatment and continued adherence to dosing in a long-term follow-up study in food allergic participants undergoing multi-food oral immunotherapy**  
Sindher, S., Kumar, D., Fitzpatrick, J., Cao, S., Long, A., Woch, M., Conn, T., Nadeau, K., Chinthrajah, S.  
MOSBY-ELSEVIER.2021: AB110
- **Understanding the impact of the COVID-19 pandemic on physical and mental health**  
Cao, S., Din, H., Warren, C., Fitzpatrick, J., Hernandez-Boussard, T., Desai, M., Chinthrajah, S., Nadeau, K.  
MOSBY-ELSEVIER.2021: AB115
- **Outcome of Double-Blind Placebo-Controlled Food Challenges in Shrimp-Sensitized Participants**  
Jiang, S., Kumar, D., Cao, S., Fitzpatrick, J., Long, A., Woch, M., Johansson, J., Nadeau, K., Chinthrajah, S., Sindher, S.  
MOSBY-ELSEVIER.2021: AB88
- **Mass Cytometry Reveals Immune Signatures Associated With Desensitization Through Multi-Food Oral Immunotherapy.**  
He, Z., Dunham, D., Zhou, X., Lyu, S., Manohar, M., Chinthrajah, S., Andorf, S., Nadeau, K.  
MOSBY-ELSEVIER.2021: AB108
- **Basophil activation tests identify a peanut OIT subgroup with improved safety and outcomes**  
Chinthrajah, S., Cao, S., Tsai, M., Mukai, K., Tibshirani, R., Sindher, S., Nadeau, K., Galli, S.  
MOSBY-ELSEVIER.2021: AB166
- **Virtual Reality Reduces Pediatric Anxiety During Food Allergy Clinical Trials: A Pilot Randomized, Pragmatic Study.** *Frontiers in allergy*  
Alonzi, S., Caruso, T. J., Sindher, S. B., Cao, S., Varadharajulu, S., Collins, W. J., Chinthrajah, R. S.  
2021; 2: 779804
- **Bayesian Hierarchical Evaluation of Dose-Response for Peanut Allergy in Clinical Trial Screening.** *Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association*  
Haber, L. T., Reichard, J. F., Henning, A. K., Dawson, P. n., Chinthrajah, R. S., Sindher, S. B., Long, A. n., Vincent, M. J., Nadeau, K. C., Allen, B. C.  
2021: 112125
- **Peanut can be used as a reference allergen for hazard characterization in food allergen risk management: A rapid evidence assessment and meta-analysis.** *The journal of allergy and clinical immunology. In practice*  
Turner, P. J., Patel, N., Ballmer-Weber, B. K., Baumert, J. L., Blom, W. M., Brooke-Taylor, S., Brough, H., Campbell, D. E., Chen, H., Chinthrajah, R. S., Crevel, R. W., Dubois, A. E., Ebisawa, et al  
2021
- **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  
2021
- **Using data from food challenges to inform management of food-allergic consumers: a systematic review with individual participant data meta-analysis.** *The Journal of allergy and clinical immunology*  
Patel, N. n., Adelman, D. C., Anagnostou, K. n., Baumert, J. L., Blom, W. M., Campbell, D. E., Chinthrajah, R. S., Mills, E. N., Javed, B. n., Purington, N. n., Remington, B. C., Sampson, H. A., Smith, et al  
2021
- **COVID-19 pandemic: Practical considerations on the organization of an allergy clinic-An EAACI/ARIA Position Paper.** *Allergy*  
Pfaar, O. n., Klimek, L. n., Jutel, M. n., Akdis, C. A., Bousquet, J. n., Breiteneder, H. n., Chinthrajah, S. n., Diamant, Z. n., Eiwegger, T. n., Fokkens, W. J., Fritsch, H. W., Nadeau, K. C., O'Hehir, et al  
2021; 76 (3): 648–76
- **Basophil activation test shows high accuracy in the diagnosis of peanut and tree nut allergy: The Markers of Nut Allergy Study.** *Allergy*  
Duan, L., Celik, A., Hoang, J. A., Schmidthaler, K., So, D., Yin, X., Ditlof, C. M., Ponce, M., Upton, J. E., Lee, J., Hung, L., Breiteneder, H., Palladino, et al  
2020
- **Identification of Pru du 6 as a potential marker allergen for almond allergy.** *Allergy*  
Kabasser, S., Hafner, C., Chinthrajah, S., Sindher, S. B., Kumar, D., Kost, L. E., Long, A. J., Nadeau, K. C., Breiteneder, H., Bublin, M.  
2020

- **Long-term, open-label extension study of the efficacy and safety of epicutaneous immunotherapy for peanut allergy in children: PEOPLE 3-year results** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*  
Fleischer, D. M., Shreffler, W. G., Campbell, D. E., Green, T. D., Anvari, S., Assa'ad, A., Begin, P., Beyer, K., Bird, J., Brown-Whitehorn, T., Byrne, A., Chan, E. S., Cheema, et al  
2020; 146 (4): 863–74
- **Intranasal corticosteroids in allergic rhinitis in COVID-19 infected patients: An ARIA-EAACI statement** *ALLERGY*  
Bousquet, J., Akdis, C. A., Jutel, M., Bachert, C., Klimek, L., Agache, I., Ansotegui, I. J., Bedbrook, A., Bosnic-Anticevich, S., Canonica, G., Chivato, T., Cruz, A. A., Czarlewski, et al  
2020; 75 (10): 2440-2444
- **Editorial: Insights Into the Etiology, Prevention, and Treatment of Food Allergy.** *Frontiers in immunology*  
Oyoshi, M., Chinthrajah, R. S.  
2020; 11: 1937
- **Transcriptional changes in peanut-specific CD4+ T cells over the course of oral immunotherapy.** *Clinical immunology (Orlando, Fla.)*  
Wang, W., Lyu, S., Ji, X., Gupta, S., Manohar, M., Dhondalay, G. K., Chinthrajah, S., Andorf, S., Boyd, S. D., Tibshirani, R., Galli, S. J., Nadeau, K. C., Maecker, et al  
2020: 108568
- **Long-Term, Open-Label Extension Study of the Efficacy and Safety of Epicutaneous Immunotherapy for Peanut Allergy in Children: PEOPLE 3-Year Results.** *The Journal of allergy and clinical immunology*  
Fleischer, D. M., Shreffler, W. G., Campbell, D. E., Green, T. D., Anvari, S., Assa'ad, A., Begin, P., Beyer, K., Bird, J. A., Brown-Whitehorn, T., Byrne, A., Chan, E. S., Cheema, et al  
2020
- **ARIA-EAACI statement on Asthma and COVID-19 (June 2, 2020).** *Allergy*  
Bousquet, J., Jutel, M., Akdis, C. A., Klimek, L., Pfaar, O., Nadeau, K. C., Eiwegger, T., Bedbrook, A., Ansotegui, I. J., Anto, J. M., Bachert, C., Bateman, E. D., Bennoor, et al  
2020
- **Identification of cross-reactive allergens in cashew- and pistachio-allergic children during oral immunotherapy.** *Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology*  
He, Z., Dongre, P., Lyu, S., Manohar, M., Chinthrajah, R. S., Galli, S. J., DeKruyff, R. H., Nadeau, K. C., Andorf, S.  
2020
- **RNA-Seq of Gastrointestinal Biopsies During Oral Immunotherapy Reveals Changes in IgA Pathway**  
Zhang, W., Dhondalay, G., Hoh, R., Tupa, D., Bunning, B., Fernandez-Becker, N., Kambham, N., Boyd, S., Galli, S., Andorf, S., Manohar, M., Chinthrajah, S., Nadeau, et al  
MOSBY-ELSEVIER.2020: AB132
- **A Phase 2 Study of Multi Oral Immunotherapy in Multi Food Allergic Patients to Test Immune Markers after Minimum Maintenance Dose using Xolair**  
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