

Stanford



Syantani Sindher

- Clinical Associate Professor, Medicine
- Clinical Associate Professor, Pediatrics - Allergy and Clinical Immunology

CLINICAL OFFICES

- **Sean N. Parker Center for Allergy and Asthma Research**

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Bio

CLINICAL FOCUS

- Allergy and Immunology

ACADEMIC APPOINTMENTS

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

PROFESSIONAL EDUCATION

- Board Certification: Pediatrics, American Board of Pediatrics (2014)
- Fellowship: Childrens Hospital of Philadelphia Allergy Fellowship (2016) PA
- Board Certification: Allergy and Immunology, American Board of Allergy and Immunology (2016)
- Residency: Childrens Hospital at Montefiore Pediatric Residency (2013) NY
- Medical Education: SUNY Downstate College of Medicine (2010) NY

Research & Scholarship

CLINICAL TRIALS

- Follow-up of the EPITOPE Study to Evaluate Long-term Efficacy and Safety of DBV712 in Young Children, Recruiting
- Food Allergen OIT for Shrimp and Cashew, Recruiting
- Peanut Oral Immunotherapy Study of Early Intervention for Desensitization, Recruiting
- Prescreening Protocol to Enroll in Food Allergy Clinical Studies at a Single Site, Recruiting
- Safety and Efficacy Study of Viaskin Peanut in Peanut-allergic Young Children 1-3 Years of Age, Recruiting
- Study to Determine the Efficacy and Safety of Dupilumab in Adult and Adolescent Patients With Eosinophilic Esophagitis (EoE), Recruiting
- Effect of Different Skin Creams on TEWL, Not Recruiting
- Seal, Stopping Eczema and Allergy Study, Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Allergy/Immunology (Fellowship Program)

Publications

PUBLICATIONS

- **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
- **Early intervention and prevention of allergic diseases.** *Allergy*
Brough, H. A., Lanser, B. J., Sindher, S. B., Teng, J. M., Leung, D. Y., Venter, C., Chan, S. M., Santos, A. F., Bahnson, H., Guttman-Yassky, E., Gupta, R. S., Lack, G., Ciaccio, et al
2021
- **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
- **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
- **Asthma as a predictor of more severe outcomes in COVID-19 infection**
Eggert, L., Cao, S., He, Z., Dhondalay, G., Jiang, S., Collins, W., Sindher, S., Nadeau, K., Sharon Chinthrajah, R.
MOSBY-ELSEVIER.2021: AB44
- **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
- **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

- **Asthma phenotypes, associated comorbidities, and long-term symptoms in COVID-19** *European Journal of Allergy and Clinical Immunology*
Eggert, L. E., He, Z., Collins, W., Lee, A. S., Nadeau, K., Chinthrajah, R.
2021
- **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
- **Increases in plasma IgG4/IgE with trilipid vs paraffin/petrolatum-based emollients for dry skin/eczema.** *Pediatric allergy and immunology : official publication of the European Society of Pediatric Allergy and Immunology*
Sindher, S., Alkotob, S. S., Shojinaga, M. N., Hamilton, R., Chan, S., Cao, S., Bahnsen, H. T., Brough, H. A., Lack, G., Leung, D. Y., Nadeau, K. C.
2020
- **Pilot study measuring transepidermal water loss (TEWL) in children suggests trilipid cream is more effective than a paraffin-based emollient.** *Allergy*
Sindher, S., Alkotob, S. S., Shojinaga, M. N., Brough, H. A., Bahnsen, T., S. C., Lack, G., Leung, D. Y., Nadeau, K. C.
2020
- **Dose-related Allergic Reactions Decrease Over Time During Peanut Oral Immunotherapy in a Large, Randomized, Double-blind, Placebo-controlled, Phase 2 Study**
Long, A., Purington, N., Andorf, S., O'Laughlin, K., Lyu, S., Sindher, S., Manohar, M., Boyd, S., Tibshirani, R., Maecker, H., Mukai, K., Tsai, M., Desai, et al
MOSBY-ELSEVIER.2020: AB134
- **A Phase 2 Study of Multi Oral Immunotherapy in Multi Food Allergic Patients to Test Immune Markers after Minimum Maintenance Dose using Xolair**
Sindher, S., Kumar, D., Purington, N., Tupa, D., Long, A., Cao, S., Woch, M., Tan, T., Lloret, M., Chinthrajah, S., Nadeau, K.
MOSBY-ELSEVIER.2020: AB135
- **Quality Of Life in Patients with Food Allergy: A Systematic Review and Meta-Analysis of interventions Food Allergy Diagnosis and Immunotherapy Studies**
Cao, S., Borro, M., Sindher, S., Tupa, D., Long, A., Chinthrajah, S., Nadeau, K., Alonzi, S.
MOSBY-ELSEVIER.2020: AB245
- **The benefits of playing interactive games on virtual reality headsets during procedures in food allergy clinical trials**
Alonzi, S., Parikh, K., Varadharajulu, S., Chandra, S., Cao, S., Teixeira, Z., Sindher, S., Nadeau, K., Chinthrajah, S.
MOSBY-ELSEVIER.2020: AB147
- **Skin TEWL results show significant improvements with Trilipid emollient compared to controls in infants and young children**
Nadeau, K., Sindher, S., Berdyshev, E., Shojinaga, M., Alkotob, S., Alonzi, S., Varadharajulu, S., Chandra, S., Chinthrajah, S., Brough, H., Chan, S., Lack, G., Leung, et al
MOSBY-ELSEVIER.2020: AB240
- **Perceived Burden of Treatment and Quality of Life in Long-Term Follow Up after Oral Immunotherapy in Food Allergic Patients**
Collins, W., Raeber, O., Tupa, D., Cao, S., Nadeau, K., Sindher, S., Chinthrajah, S.
MOSBY-ELSEVIER.2020: AB147
- **Protein Composition Changes in Manufactured Penaeus aztecus Shrimp Powder**
Chinthrajah, S., Johansson, J., Woch, M., Conn, T., Chen, E., Long, A., Lyu, S., Kumar, D., Sindher, S., Nadeau, K.
MOSBY-ELSEVIER.2020: AB226
- **Gastrointestinal Eosinophil Responses in a Longitudinal, Randomized Trial of Peanut Oral Immunotherapy.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*
Wright, B. L., Fernandez-Becker, N. Q., Kambham, N. n., Purington, N. n., Cao, S. n., Tupa, D. n., Zhang, W. n., Sindher, S. B., Rank, M. A., Kita, H. n., Katzka, D. A., Shim, K. P., Bunning, et al
2020
- **Consensus on DEfinition of Food Allergy SEverity (DEFASE): Protocol for a systematic review.** *The World Allergy Organization journal*
Arasi, S. n., Nurmatov, U. n., Turner, P. J., Ansotegui, I. J., Daher, S. n., Dunn-Galvin, A. n., Ebisawa, M. n., Eigenmann, P. n., Fernandez-Rivas, M. n., Gupta, R. n., Nowak-Wegrzyn, A. n., Petrou, S. n., Roberts, et al
2020; 13 (12): 100493
- **Corrigendum: Analysis of a Large Standardized Food Challenge Data Set to Determine Predictors of Positive Outcome Across Multiple Allergens.** *Frontiers in immunology*

- Sindher, S. n., Long, A. J., Purington, N. n., Chollet, M. n., Slatkin, S. n., Andorf, S. n., Tupa, D. n., Kumar, D. n., Woch, M. A., O'Laughlin, K. L., Assaad, A. n., Pongracic, J. n., Spergel, et al
2020; 11: 625796
- **Oral immunotherapy for peanut allergy: The pro argument.** *The World Allergy Organization journal*
Chinthrajah, R. S., Cao, S. n., Dunham, T. n., Sampath, V. n., Chandra, S. n., Chen, M. n., Sindher, S. n., Nadeau, K. n.
2020; 13 (8): 100455
 - **Epicutaneous sensitization in the development of food allergy: What is the evidence and how can this be prevented?** *Allergy*
Brough, H. A., Nadeau, K. C., Sindher, S. B., Alkotob, S. S., Chan, S. n., Bahnson, H. n., Leung, D. Y., Lack, G. n.
2020
 - **Phase 2a randomized, placebo-controlled study of anti-IL-33 in peanut allergy.** *JCI insight*
Chinthrajah, S., Cao, S., Liu, C., Lyu, S., Sindher, S. B., Long, A., Sampath, V., Petroni, D., Londei, M., Nadeau, K. C.
2019; 4 (22)
 - **Conflicting verdicts on peanut OIT from the ICER and FDA Advisory Committee; where do we go from here?** *The Journal of allergy and clinical immunology*
Eiwegger, T., Anagnostou, K., Arasi, S., Begin, P., Ben-Shoshan, M., Beyer, K., Blumchen, K., Brough, H., Caubet, J., Chan, E. S., Chen, M., Chinthrajah, S., Davis, et al
2019
 - **Alternative dosing of omalizumab as an adjunct therapy during multiallergen oral immunotherapy in food allergic patients**
Sindher, S. B., Long, A. J., Purington, N., Kumar, D., Scheiber, A., O'Laughlin, K., Woch, M., Tan, T., Chinthrajah, R., Zedeck, S., Lloret, M., Nadeau, K. C.
MOSBY-ELSEVIER.2019: AB245
 - **Association Between History of Epinephrine Use and Dose-Related Adverse Event Rates During Oral Immunotherapy**
Scheiber, A., Chinthrajah, R., Long, A. J., Kumar, D., Skura, S., Shojinaga, M., Min, H., Alvarez, A., Lloret, M., Nadeau, K. C., Sindher, S. B.
MOSBY-ELSEVIER.2019: AB247
 - **ICER report for peanut OIT comes up short.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Eiwegger, T. n., Anagnostou, K. n., Arasi, S. n., Bégin, P. n., Ben-Shoshan, M. n., Beyer, K. n., Blumchen, K. n., Brough, H. n., Caubet, J. C., Chan, E. S., Chinthrajah, S. n., Davis, C. M., Roches, et al
2019
 - **Can food allergy be cured? What are the future prospects?** *Allergy*
Sampath, V. n., Sindher, S. B., Alvarez Pinzon, A. M., Nadeau, K. C.
2019
 - **Analysis of a Large Standardized Food Challenge Data Set to Determine Predictors of Positive Outcome Across Multiple Allergens** *FRONTIERS IN IMMUNOLOGY*
Sindher, S., Long, A. J., Purington, N., Chollet, M., Slatkin, S., Andorf, S., Tupa, D., Kumar, D., Woch, M. A., O'Laughlin, K. L., Assaad, A., Pongracic, J., Spergel, et al
2018; 9
 - **Analysis of a Large Standardized Food Challenge Data Set to Determine Predictors of Positive Outcome Across Multiple Allergens.** *Frontiers in immunology*
Sindher, S., Long, A. J., Purington, N., Chollet, M., Slatkin, S., Andorf, S., Tupa, D., Kumar, D., Woch, M. A., O'Laughlin, K. L., Assaad, A., Pongracic, J., Spergel, et al
2018; 9: 2689
 - **The Use of Biomarkers to Predict Aero-Allergen and Food Immunotherapy Responses** *CLINICAL REVIEWS IN ALLERGY & IMMUNOLOGY*
Sindher, S. B., Long, A., Acharya, S., Sampath, V., Nadeau, K. C.
2018; 55 (2): 190–204
 - **Eliciting Dose and Safety Outcomes From a Large Dataset of Standardized Multiple Food Challenges** *FRONTIERS IN IMMUNOLOGY*
Purington, N., Chinthrajah, R., Long, A., Sindher, S., Andorf, S., O'Laughlin, K., Woch, M. A., Scheiber, A., Assaad, A., Pongracic, J., Spergel, J. M., Tam, J., Tilles, et al
2018; 9

- **Eliciting Dose and Safety Outcomes From a Large Dataset of Standardized Multiple Food Challenges.** *Frontiers in immunology*
Purington, N., Chinthrajah, R. S., Long, A., Sindher, S., Andorf, S., O'Laughlin, K., Woch, M. A., Scheiber, A., Assa'ad, A., Pongracic, J., Spergel, J. M., Tam, J., Tilles, et al
2018; 9: 2057
- **Comparison of sublingual immunotherapy and oral immunotherapy in peanut allergy** *ALLERGO JOURNAL*
Zhang, W., Sindher, S. B., Sampath, V., Nadeau, K.
2018; 27 (6): 22–30
- **Comparison of sublingual immunotherapy and oral immunotherapy in peanut allergy.** *Allergo journal international*
Zhang, W., Sindher, S. B., Sampath, V., Nadeau, K.
2018; 27 (6): 153-161
- **Efficacy and safety of omalizumab in pediatric patients with high immunoglobulin E levels: A case series** *ALLERGY AND ASTHMA PROCEEDINGS*
Wang, K. Y., Sindher, S. B., Stinson, R., DaVeiga, S.
2018; 39 (4): 289–91
- **Efficacy and safety of omalizumab in pediatric patients with high immunoglobulin E levels: A case series.** *Allergy and asthma proceedings*
Wang, K. Y., Sindher, S. B., Stinson, R., DaVeiga, S. P.
2018; 39 (4): 289-291
- **New treatment directions in food allergy** *ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY*
Sampath, V., Sindher, S. B., Zhang, W., Nadeau, K. C.
2018; 120 (3): 254–62
- **The Use of Biomarkers to Predict Aero-Allergen and Food Immunotherapy Responses.** *Clinical reviews in allergy & immunology*
Sindher, S. B., Long, A., Acharya, S., Sampath, V., Nadeau, K. C.
2018
- **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
- **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)
- **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
- **Phase 3 Trial of Epicutaneous Immunotherapy in Toddlers with Peanut Allergy.** *The New England journal of medicine*
Greenhawt, M., Sindher, S. B., Wang, J., O'Sullivan, M., du Toit, G., Kim, E. H., Albright, D., Anvari, S., Arends, N., Arkwright, P. D., Begin, P., Blumchen, K., Bourrier, et al
2023; 388 (19): 1755-1766
- **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
- **Spheromers reveal robust T cell responses to the Pfizer/BioNTech vaccine and attenuated peripheral CD8+ T cell responses post SARS-CoV-2 infection.** *Immunity*
Gao, F., Mallajoyula, V., Arunachalam, P. S., van der Ploeg, K., Manohar, M., Röltgen, K., Yang, F., Wirz, O., Hoh, R., Haraguchi, E., Lee, J. Y., Willis, R., Ramachandiran, et al
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
- **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
- **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
- **Asthma-Related Healthcare Resource Use And Costs In Patients With Documented Food Allergies**
Seetasith, A., Sindher, S., Boudreau, D., Liu, Y., Gupta, S., Ciaccio, C.
MOSBY-ELSEVIER.2023: AB186
- **Impact of OIT on Cumulative Ingested Dose across Multiple Oral Immunotherapy Trials**
Parsons, E., Quake, A., Seastedt, H., Cao, S., Raeber, O., Kaushik, A., Andorf, S., Manohar, M., Sharon, C., Nadeau, K., Sindher, S.
MOSBY-ELSEVIER.2023: AB36
- **Xenobiotic Metabolites Decrease Over Time During Oral Immunotherapy in Children with Multiple Food Allergies**
Quake, A., Parsons, E., Sanchez, J., DeFelice, B., Nadeau, K., Sindher, S.
MOSBY-ELSEVIER.2023: AB32
- **Baseline Epitope-Specific IgE Profiles are Predictive of Sustained Unresponsiveness One Year Post OIT in the POISED Trial**
Lee, A., Suprun, M., Getts, R., Peck, S., Sindher, S., Nadeau, K., Chinthrajah, R., Galli, S., Sampson, H.
MOSBY-ELSEVIER.2023: AB120
- **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
- **Correction: Quake et al. Early Introduction of Multi-Allergen Mixture for Prevention of Food Allergy: Pilot Study. *Nutrients* 2022, 14, 737.** *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; 15 (1)
- **Editorial comments on "Early initiation of short-term emollient use for the prevention of atopic dermatitis in high-risk infants - The STOP-AD randomized controlled trial" - is emollient therapy enough?** *Allergy*

Brough, H. A., Sindher, S., Nadeau, K. C.
2022

- **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
- **The impact of COVID-19 on a national sample of US adults with food allergy** *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; 10 (10): 2744-2747
- **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
- **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)
- **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
- **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
- **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
- **Understanding the Association of IgE and Gut and Mucosal Proteins in Atopic Disorders**
Shah, A., Parsons, E., Smith, E., Kost, L., Ogulur, I., Heider, A., Tan, G., Hamilton, R., Sindher, S., Liu, F., Akdis, C., Lieb, R., Nadeau, et al
MOSBY-ELSEVIER.2022: AB229
- **Fish and shellfish allergy: Are they different in different countries?**
Nakonechna, A., van Bergen, A., Anantharachagan, A., Arnold, D., Johnston, N., Nadeau, K., Rutkowski, C., Sindher, S., Sriaroon, P., Thomas, I., Vijayadurai, P., Wagner, A.
MOSBY-ELSEVIER.2022: AB112
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