



Kari Nadeau, MD, PhD

Naddisy Foundation Professor of Pediatric Food Allergy, Immunology and Asthma, Professor of Pediatrics (Allergy & Clinical Immunology) and, by courtesy, of Otolaryngology-Head & Neck Surgery at the Lucile Salter Packard Children's Hospital
Medicine

 Curriculum Vitae available Online

CLINICAL OFFICES

3700 California St

San Francisco, CA 94118

Tel (415) 600-0770

Fax (415) 600-0775

ACADEMIC CONTACT INFORMATION

• Alternate Contact

Tina Nguyen - Executive Administrator

Email tinangu3@stanford.edu

Tel (650)724-6780

Bio

BIO

Dr. Kari Nadeau is one of the nation's foremost experts in adult and pediatric allergy and asthma. She is the Director of the Sean N. Parker Center for Allergy and Asthma Research at Stanford University, Section Chief of Allergy and Asthma at the Stanford School of Medicine, and an endowed professor under the Naddisy Family Foundation.

Dr. Nadeau received her MD and PhD from Harvard Medical School, completed a residency in pediatrics at Boston Children's Hospital and a clinical fellowship in asthma and immunology at Stanford. After completing her residency, she spent 5 years in the biopharmaceutical industry, where she was instrumental in obtaining FDA approval for two biologics in the fields of autoimmunity and oncology, before starting her fellowship at Stanford.

Dr. Nadeau has received honors and awards from the American Academy of Allergy, Asthma & Immunology; the American Lung Association; the Clinical Immunological Society; Food Allergy Research & Education (FARE); and the NIH. She has also been recognized with the U.S. Environmental Protection Agency's STAR Grant Award. Dr. Nadeau has served as a reviewer for NIH Study Sections, and a member of the American Lung Association Medical Board, CA. She serves on the Environmental Health Policy committee for the American Thoracic Society and is a Fellow in the American Academy of Allergy, Asthma and Immunology as well as a member of ASCI (American Society of Clinical Investigation).

She has authored or co-authored more than 100 original papers. Her research focuses on understanding the factors responsible for the increased prevalence of allergies and asthma in the population, improving diagnostics, and understanding the immunological mechanisms underlying these diseases. She was the first to successfully desensitize individuals to more than one allergy at a time using multi-allergen oral immunotherapy. She continues to push forward with innovative clinical research using novel antibodies, peptide vaccines, and nanoparticles in order to provide safe and effective therapeutic options for those with allergies and asthma.

CLINICAL FOCUS

- Allergy and Immunology
- Adult and Pediatric Asthma, Allergy, and Immunology

ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine
- Professor - Med Center Line, Pediatrics - Allergy and Clinical Immunology
- Professor - Med Center Line (By courtesy), Otolaryngology - Head & Neck Surgery Divisions
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Volunteer Clinical Instructor, General Pediatrics, (2003-2005)
- Instructor, Allergy and Immunology, (2006-2007)
- Instructor, ENT, (2007-2008)
- Assistant Professor, Affiliate appointment in Otolaryngology, (2007-2011)
- Assistant Professor, Pediatrics, (2007-2011)
- Assistant Program Director, Allergy & Immunology Fellowship Program, (2007-2011)
- Medical Director, Allergy & Immunology Clinics, (2007-2011)
- Faculty Member, Stanford Institute of Immunity, Transplantation and Infectious Disease, (2007- present)
- Faculty Member, Multidisciplinary Program in Immunology, (2007- present)
- Associate Professor, Affiliate appointment in Otolaryngology, (2011- present)
- Associate Professor, Pediatrics, (2011- present)
- Director, Sean N. Parker Center for Allergy Research at Stanford University, (2014- present)
- Section Chief, Allergy and Asthma at the Stanford School of Medicine, (2016- present)

HONORS AND AWARDS

- Pediatric Research Award, CHRP (July 2007-July 2008)
- Parker B Francis Award, Francis Foundation (July 2006-July 2009)
- Mary Hewitt Loveless Award, Loveless Foundation (July 2006-July 2009)
- Stanford Free Clinics Teaching Award, Stanford Medical School (June 2007)
- National Junior Faculty Award, American Academy of Asthma, Allergy and Immunology (2007)
- Speaker Award, La Entrada Inspirational Speaker Series (2007)
- Fellow, American Academy of Asthma, Allergy and Immunology (2008-present)
- National Junior Faculty Award, American Lung Association (2009)
- Junior Faculty Award, Clinical Immunological Society (2010)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Fellow, Stanford Center for Innovation in Global Health (2015-Present) (2015 - present)

PROGRAM AFFILIATIONS

- Stanford SystemX Alliance

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Medical Center (2006) CA

- Residency: Children's Hospital Boston (1997) MA
- Residency: Stanford University Medical Center (2004) CA
- Internship: Children's Hospital Boston (1996) MA
- Medical Education: Harvard Medical School (1995) MA
- Board Certification: Allergy and Immunology, American Board of Allergy and Immunology (2007)
- PhD, Harvard Medical School , Biochemistry and Immunology (1995)
- B.S., Haverford College , Biology (1988)

COMMUNITY AND INTERNATIONAL WORK

- Volunteer Clinical Faculty, Menlo Park VA

LINKS

- Sean N. Parker Center for Allergy & Asthma Research at Stanford University: <http://med.stanford.edu/allergyandasthma/research.html>
- Pediatrics — Allergy & Immunology: <http://med.stanford.edu/pedair.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The focus of our clinical research is to find safe and effective treatments for allergy and asthma. In 2014, we demonstrated that oral immunotherapy can simultaneously and successfully achieve desensitization for multiple food allergens (up to 5) and that adjunctive omalizumab therapy, by blocking free IgE, facilitates and decreases time to desensitization (Begin et al, 2014). Additional immunotherapy trials with adjunctive omalizumab (peanuts and milk) have supported these findings (Wood et al, 2016; MacGinnitie et al, 2017). The data from these clinical trials have provided initial evidence for the safety and feasibility of oral immunotherapy for food allergy and have paved the way for further innovative research in the field. Currently, we have in progress a number of novel immunotherapy trials for food allergy and asthma. Some of these include the use of skin patches for delivering allergens, the use of novel immunoglobulins (anti-IL-33, anti-IL-23), and DNA vaccines. On analyzing data obtained from these clinical studies, we hope to better understand the mechanisms that underlie allergy and asthma.

The focus of our basic research is to understand the characteristics of the allergens that mediate clinical reactions, the role of the environment and genetics in increasing risk of allergies and asthma, and the molecular, cellular, and genetic differences between those with allergies and asthma and those who are immune tolerant or those who achieve desensitization through immunotherapy. Our multifoed allergen immunotherapy studies have enabled determination of associations and cross-reactivities between different food allergens and have further assisted us with epitope mapping, identification, and characterization of allergenic components of foods that induce clinical reactivity (Zhang et al, 2016; Zhang et al, 2016; Andorf et al, 2017). Data from these studies may, in the future, enable therapeutic targets for food allergies.

We are particularly interested in the role of T cells in immune tolerance. Using state-of-the-art techniques, such as allergen-specific T-cell sorting and single-cell gene expression, we have successfully demonstrated that it is possible to monitor patients undergoing immunotherapy by high dimensional immunophenotyping of T cells and predict the success of future treatments (Ryan et al, 2016). These findings can be used to impact patient management in real time. Our group has also shown that environmental factors such as exposure to small particulate matter from diesel and industrial fumes impair regulatory T cell function in asthma (Nadeau et al, 2010) and that air purifiers that reduce indoor fine particulate matter (<2.5 micrometer diameter) significantly improves nasal symptoms in children with allergic rhinitis (Park et al, 2016). Data from our immunotherapy trials indicate that epigenetic modifications may play an important role in regulating allergic disease and asthma (Syed et al, 2014) and may serve as useful biomarkers for diagnosis and prognosis.

As we move forward, the focus of the Center is to translate our understanding of the basic science underlying allergic disease and asthma to enable novel and innovative clinical studies and induce tolerance through immunotherapy.

CLINICAL TRIALS

- Efficacy and Safety of Several Doses of Viaskin Peanut in Adults and Children With Peanut Allergy, Recruiting
- Peanut Reactivity Reduced by Oral Tolerance in an Anti-IgE Clinical Trial, Recruiting
- Safety Study of Viaskin Peanut to Treat Peanut Allergy, Recruiting
- Understanding and Diagnosing Allergic Disease in Twins, Recruiting
- Clinical Study Using Biologics to Improve Multi OIT Outcomes, Not Recruiting
- Efficacy and Safety of Viaskin Milk in Children With IgE-Mediated Cow's Milk Allergy, Not Recruiting
- Omalizumab With Oral Food Immunotherapy With Food Allergies Open Label Safety Study in a Single Center, Not Recruiting
- Placebo-Controlled Study to Investigate ANB020 Activity in Adult Patients With Peanut Allergy, Not Recruiting
- Study Using Xolair in Rush Multi Oral Immunotherapy in Multi Food Allergic Patients, Not Recruiting
- The Peanut Oral Immunotherapy Study: Safety, Efficacy and Discovery, Not Recruiting

Teaching

COURSES

2017-18

- Translational Research: Turning Science into Medicine: MED 50N (Win)

2016-17

- Translating Science to Disease Treatment: MED 50N (Win)

2015-16

- Translating Science to Disease Treatment: MED 50N (Win)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Shifaa Alkotob, Xiaorui Han, Abhinav Kaushik, Hesamaldin Movassagh

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Immunology (Phd Program)

Publications

PUBLICATIONS

- **The Impact of Prescribed Fire versus Wildfire on the Immune and Cardiovascular Systems of Children.** *Allergy*
Prunicki, M., Kelsey, R., Lee, J., Zhou, X., Smith, E., Haddad, F., Wu, J., Nadeau, K.
2019
- **Legends of Allergy: Stephen J. Galli.** *Allergy*
Tsai, M., Chinthrajah, S., Nadeau, K. C.
2019
- **Newly identified T cell subsets in mechanistic studies of food immunotherapy** *JOURNAL OF CLINICAL INVESTIGATION*
Sampath, V., Nadeau, K. C.
2019; 129 (4): 1431–40
- **Newly identified T cell subsets in mechanistic studies of food immunotherapy.** *The Journal of clinical investigation*
Sampath, V., Nadeau, K. C.

2019; 129 (4): 1431–40

- **A perspective on the pediatric death from oral food challenge reported from the Allergy Vigilance Network.** *Allergy*
Upton, J., Alvaro, M., Nadeau, K.
2019
- **Mind the gaps: clinical trial concepts to address unanswered questions in aeroallergen immunotherapy. An NIAID/AHRQ Workshop.** *The Journal of allergy and clinical immunology*
Wheatley, L. M., Wood, R., Nadeau, K., Liu, A., Zoratti, E., Bacharier, L., Brittain, E., Calderon, M., Casale, T., Chipps, B., Cox, L., Creticos, P. S., Desai, et al
2019
- **Esophageal Eosinophilia is Present in Some Peanut Allergic Patients**
Fernandez-Becker, N., Wright, B. L., Kambham, N., Shim, K. P., Purington, N., Long, A. J., Tsai, M., Boyd, S., Galli, S. J., Nadeau, K. C., Chinthrajah, R.
MOSBY-ELSEVIER.2019: AB310
- **Multi-Omic Profiling Of Asthma Using High-Throughput Sequencing**
Dhondalay, G., Bunning, B. J., Nadeau, K. C., Andorf, S.
MOSBY-ELSEVIER.2019: AB203
- **Component IgE and IgG4 levels in patients with natural tolerance or oral immunotherapy treatment**
Bunning, B. J., Long, A. J., Chinthrajah, R., Nadeau, K. C., Andorf, S.
MOSBY-ELSEVIER.2019: AB246
- **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
- **Effectiveness Of Clinician Dose Blinding In An Oral Immunotherapy Protocol**
Woch, M., O'Laughlin, K., Tan, T., Long, A. J., Bunning, B. J., Kumar, D., Chinthrajah, R., Nadeau, K. C.
MOSBY-ELSEVIER.2019: AB73
- **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
- **Identification of Almond (*Prunus dulcis*) Vicilin as a Food Allergen**
Zhang, Y., Che, H., Lyu, S., Nadeau, K. C., McHugh, T.
MOSBY-ELSEVIER.2019: AB70
- **Epicutaneous Immunotherapy (EPIT) for Peanut Allergy in Young Children**
Fleischer, D. M., Brown-Whitehorn, T. F., Jones, S. M., Kim, E., Nadeau, K. C., Wang, J., Wood, R. A., Nowak-Wegrzyn, A. H., Jaffrelot, A., Green, T., Burks, A.
MOSBY-ELSEVIER.2019: AB247
- **The Impact of a Prescribed Burn versus a Wildfire on the Immune and Cardiovascular Systems of Children**
Prunicki, M., Zhou, X., Nadeau, K.
MOSBY-ELSEVIER.2019: AB81
- **Immune Mechanism of Desensitization through Rapid Multi-food Oral Immunotherapy**
Manohar, M., Andorf, S., Gupta, S., Dunham, D., Zhang, W., Maecker, H. T., Galli, S. J., Chinthrajah, R., Nadeau, K. C.
MOSBY-ELSEVIER.2019: AB254
- **Desensitization rates to peanut protein during OIT among children, adolescents, and adults**
Long, A. J., Purington, N., Woch, M., O'Laughlin, K., Tan, T., Kost, L., Hijazi, S., Shojinaga, M., Raeber, O., Alvarez, A., Andorf, S., Tibshirani, R., Galli, et al
MOSBY-ELSEVIER.2019: AB245
- **Allergen Specific CD8+ T cells in Peanut Allergic Individuals.** *The Journal of allergy and clinical immunology*
Yu, W., Zhou, X., Dunham, D., Lyu, S. C., Manohar, M., Zhang, W., Zhao, F., Davis, M. M., Nadeau, K.
2019
- **Changing Patient Mindsets About Non-Life-Threatening Symptoms During Oral Immunotherapy: A Randomized Clinical Trial.** *The journal of allergy and clinical immunology. In practice*

- Howe, L. C., Leibowitz, K. A., Perry, M. A., Bitler, J. M., Block, W., Kaptchuk, T. J., Nadeau, K. C., Crum, A. J.
2019
- **Prenatal exposure to mercury in relation to infant infections and respiratory symptoms in the New Hampshire Birth Cohort Study.** *Environmental research*
Emeny, R. T., Korrick, S. A., Li, Z., Nadeau, K., Madan, J., Jackson, B., Baker, E., Karagas, M. R.
2019; 171: 523–29
 - **Report from the National Institute of Allergy and Infectious Diseases Workshop on "Atopic Dermatitis and the Atopic March: Mechanisms and Interventions".** *The Journal of allergy and clinical immunology*
Davidson, W. F., Leung, D. Y., Beck, L. A., Berin, C. M., Boguniewicz, M., Busse, W. W., Chatila, T. A., Geha, R. S., Gern, J. E., Guttman-Yassky, E., Irvine, A. D., Kim, B. S., Kong, et al
2019
 - **Identification of Almond (*Prunus dulcis*) Vicilin As a Food Allergen** *JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY*
Che, H., Zhang, Y., Lyu, S., Nadeau, K. C., McHugh, T.
2019; 67 (1): 425–32
 - **Prevalence and Severity of Food Allergies Among US Adults.** *JAMA network open*
Gupta, R. S., Warren, C. M., Smith, B. M., Jiang, J., Blumenstock, J. A., Davis, M. M., Schleimer, R. P., Nadeau, K. C.
2019; 2 (1): e185630
 - **High-affinity allergen-specific human antibodies cloned from single IgE B cell transcriptomes.** *Science (New York, N.Y.)*
Croote, D., Darmanis, S., Nadeau, K. C., Quake, S. R.
2018; 362 (6420): 1306–9
 - **Predicting development of sustained unresponsiveness to milk oral immunotherapy using epitope-specific antibody binding profiles.** *The Journal of allergy and clinical immunology*
Suarez-Farinas, M., Suprun, M., Chang, H. L., Gimenez, G., Grishina, G., Getts, R., Nadeau, K., Wood, R. A., Sampson, H. A.
2018
 - **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., Pongratic, J., Spergel, et al
2018; 9
 - **Laundry detergents and detergent residue after rinse directly disrupt tight junction barrier integrity in human bronchial epithelial cells.** *The Journal of allergy and clinical immunology*
Wang, M., Tan, G., Eljaszewicz, A., Meng, Y., Wawrzyniak, P., Acharya, S., Altunbulakli, C., Westermann, P., Dreher, A., Yan, L., Wang, C., Akdis, M., Zhang, et al
2018
 - **Baseline Gastrointestinal Eosinophilia Is Common in Oral Immunotherapy Subjects With IgE-Mediated Peanut Allergy** *FRONTIERS IN IMMUNOLOGY*
Wright, B. L., Fernandez-Becker, N. Q., Kambham, N., Purington, N., Tupa, D., Zhang, W., Rank, M. A., Kita, H., Shim, K. P., Bunning, B. J., Doyle, A. D., Jacobsen, E. A., Boyd, et al
2018; 9
 - **The Public Health Impact of Parent-Reported Childhood Food Allergies in the United States.** *Pediatrics*
Gupta, R. S., Warren, C. M., Smith, B. M., Blumenstock, J. A., Jiang, J., Davis, M. M., Nadeau, K. C.
2018
 - **IgE blockade during food allergen ingestion enhances the induction of inhibitory IgG antibodies.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Stranks, A. J., Minnicozzi, S. C., Miller, S. J., Burton, O. T., Logsdon, S. L., Spergel, J. M., Nadeau, K. C., Pongratic, J. A., Umetsu, D. T., Rachid, R., MacGinnitie, A. J., Schneider, L., Oettgen, et al
2018
 - **Multicenter, randomized, double-blind, placebo-controlled clinical trial of vital wheat gluten oral immunotherapy.** *The Journal of allergy and clinical immunology*
Nowak-Wegrzyn, A., Wood, R. A., Nadeau, K. C., Pongratic, J. A., Henning, A. K., Lindblad, R. W., Beyer, K., Sampson, H. A.

2018

- **Eliciting Dose and Safety Outcomes From a Large Dataset of Standardized Multiple Food Challenges** *FRONTIERS IN IMMUNOLOGY*
Purinton, N., Chinthrajah, R., 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
- **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
- **Realizing the Paris Climate Agreement to Improve Cardiopulmonary Health Where Science Meets Policy** *ANNALS OF THE AMERICAN THORACIC SOCIETY*
Rice, M. B., Malea, N., Pinkerton, K. E., Schwartz, J., Nadeau, K. C., Browner, C. M., Whitehouse, S., Thurston, G. D.
2018; 15 (7): 791–98
- **Heterogeneity of Ara h Component-Specific CD4 T Cell Responses in Peanut-Allergic Subjects** *FRONTIERS IN IMMUNOLOGY*
Renand, A., Farrington, M., Whalen, E., Wambre, E., Bajzik, V., Chinthrajah, S., Nadeau, K. C., Kwok, W. W.
2018; 9
- **Isotype-specific agglutination-PCR (ISAP): Asensitive and multiplex method for measuring allergen-specific IgE.** *The Journal of allergy and clinical immunology*
Tsai, C., Mukai, K., Robinson, P. V., Gray, M. A., Waschmann, M. B., Lyu, S., Tsai, M., Chinthrajah, R. S., Nadeau, K. C., Bertozzi, C. R., Galli, S. J.
2018; 141 (5): 1901
- **Development of a tool predicting severity of allergic reaction during peanut challenge.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Chinthrajah, R. S., Purinton, N., Andorf, S., Rosa, J. S., Mukai, K., Hamilton, R., Smith, B. M., Gupta, R., Galli, S. J., Desai, M., Nadeau, K. C.
2018
- **High dimensional immune biomarkers demonstrate differences in phenotypes and endotypes in food allergy and asthma.** *Annals of allergy, asthma & immunology : official publication of the American College of Allergy, Asthma, & Immunology*
Chinthrajah, R. S., Purinton, N., Sampath, V., Andorf, S., Manohar, M., Prunicki, M., Zhou, X., Tupa, D., Nadeau, K. C.
2018
- **Epigenetic Changes in Immune Cells Following Successful Desensitization with Multi-Food Allergen Oral Immunotherapy**
Chinthrajah, S., Andorf, S., Manohar, M., Maecker, H., Tsai, M., Galli, S., Nadeau, K.
SPRINGER/PLENUM PUBLISHERS.2018: 358–59
- **Impact of allergen immunotherapy in allergic asthma.** *Immunotherapy*
Zhang, W., Lin, C., Sampath, V., Nadeau, K.
2018
- **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
- **Socioeconomic Variables Associated with Immune Biomarkers in Asthmatic Children**
Nyarko-Odoom, A. O., Prunicki, M., Zhang, W., Zhou, X., Nadeau, K. C.
MOSBY-ELSEVIER.2018: AB74
- **Changes in Binding Patterns of Cashew-Specific IgE and IgG4 Over the Course of Oral Immunotherapy with Omalizumab**
Stankey, C. T., Andorf, S., Tetteh, A., Chinthrajah, S., Nadeau, K. C.
MOSBY-ELSEVIER.2018: AB246
- **Anti-IgE treatment with oral immunotherapy in multifoed allergic participants: a double-blind, randomised, controlled trial** *LANCET GASTROENTEROLOGY & HEPATOLOGY*

- Andorf, S., Purington, N., Block, W. M., Long, A. J., Tupa, D., Brittain, E., Spergel, A., Desai, M., Galli, S. J., Nadeau, K. C., Chinthrajah, R.
2018; 3 (2): 85–94
- **Exposure to NO₂, CO, and PM_{2.5} is linked to regional DNA methylation differences in asthma** *CLINICAL EPIGENETICS*
Prunicki, M., Stell, L., Dinakarandian, D., de Planell-Saguer, M., Lucas, R. W., Hammond, S., Balmes, J. R., Zhou, X., Paglino, T., Sabatti, C., Miller, R. L., Nadeau, K. C.
2018; 10: 2
 - **Food allergy and omics.** *The Journal of allergy and clinical immunology*
Dhondalay, G. K., Rael, E., Acharya, S., Zhang, W., Sampath, V., Galli, S. J., Tibshirani, R., Boyd, S. D., Maecker, H., Nadeau, K. C., Andorf, S.
2018; 141 (1): 20–29
 - **Differences in multiple immune parameters between Indian and U.S. infants.** *PloS one*
Rathore, D. K., Holmes, T. H., Nadeau, K. C., Mittal, P., Batra, A., Rosenberg-Hasson, Y., Sopory, S., Gupta, R., Chellani, H. K., Aggarwal, K. C., Bal, V., Natchu, U. C., Bhatnagar, et al
2018; 13 (11): e0207297
 - **Peanut-specific T cell responses in patients with different clinical reactivity.** *PloS one*
Birrueta, G., Tripple, V., Pham, J., Manohar, M., James, E. A., Kwok, W. W., Nadeau, K. C., Sette, A., Peters, B., Schulten, V.
2018; 13 (10): e0204620
 - **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
 - **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
 - **Heterogeneity of Ara h Component-Specific CD4 T Cell Responses in Peanut-Allergic Subjects.** *Frontiers in immunology*
Renand, A., Farrington, M., Whalen, E., Wambre, E., Bajzik, V., Chinthrajah, S., Nadeau, K. C., Kwok, W. W.
2018; 9: 1408
 - **Baseline Gastrointestinal Eosinophilia Is Common in Oral Immunotherapy Subjects With IgE-Mediated Peanut Allergy.** *Frontiers in immunology*
Wright, B. L., Fernandez-Becker, N. Q., Kambham, N., Purington, N., Tupa, D., Zhang, W., Rank, M. A., Kita, H., Shim, K. P., Bunning, B. J., Doyle, A. D., Jacobsen, E. A., Boyd, et al
2018; 9: 2624
 - **Peanut-specific type 1 regulatory T cells induced in vitro from allergic subjects are functionally impaired** *JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY*
Pellerin, L., Jenks, J., Chinthrajah, S., Dominguez, T., Block, W., Zhou, X., Noshirvan, A., Gregori, S., Roncarolo, M., Nadeau, K., Bacchetta, R.
2018; 141 (1): 202–+
 - **Observational long-term follow-up study of rapid food oral immunotherapy with omalizumab** *ALLERGY ASTHMA AND CLINICAL IMMUNOLOGY*
Andorf, S., Manohar, M., Dominguez, T., Block, W., Tupa, D., Kshirsagar, R. A., Sampath, V., Chinthrajah, R., Nadeau, K. C.
2017; 13: 51
 - **Feasibility of sustained response through long-term dosing in food allergy immunotherapy** *ALLERGY ASTHMA AND CLINICAL IMMUNOLOGY*
Andorf, S., Manohar, M., Dominguez, T., Block, W., Tupa, D., Kshirsagar, R. A., Sampath, V., Chinthrajah, R., Nadeau, K. C.
2017; 13: 52
 - **Effect of Varying Doses of Epicutaneous Immunotherapy vs Placebo on Reaction to Peanut Protein Exposure Among Patients With Peanut Sensitivity A Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Sampson, H. A., Shreffler, W. G., Yang, W. H., Sussman, G. L., Brown-Whitehorn, T. F., Nadeau, K. C., Cheema, A. S., Leonard, S. A., Pongracic, J. A., Sauvage-Delebarre, C., Assa'ad, A. H., de Blay, F., Bird, et al
2017; 318 (18): 1798–1809
 - **Combining anti-IgE with oral immunotherapy** *PEDIATRIC ALLERGY AND IMMUNOLOGY*

- Lin, C., Lee, I. T., Sampath, V., Dinakar, C., DeKruyff, R. H., Schneider, L. C., Nadeau, K.
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