

## CoFAR BIBLIOGRAPHY

### Publications

1. Sampson HA, Berin MC, Plaut M, Sicherer SH, Jones S, Burks AW, Lindblad R, Leung DY, Wood RA. The Consortium for Food Allergy Research (CoFAR) The First Generation. *J Allergy Clin Immunol*. 2018 Dec 23. [Epub ahead of print] (PMID: 30586557)
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### Abstracts

1. Edwin H. Kim, MD, Stacie M. Jones, MD, A. Wesley Burks, MD, Robert A. Wood, MD, Scott H. Sicherer, MD, Donald YM Leung, MD, Alice K. Henning, MS, Robert W. Lindblad, MD, Peter Dawson, PhD, Corinne Keet, MD, Amy M. Scurlock, MD, and Hugh A. Sampson, MD, for the Consortium of Food Allergy Research (CoFAR). A 5-year Summary of Real-life Dietary Egg Consumption after Completion of a 4-year Egg OIT Protocol. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 22-25, 2019 in San Francisco, CA.
2. Hugh A. Sampson, MD; Donald YM Leung, MD; Stacie M. Jones, MD; Scott H. Sicherer, MD; A. Wesley Burks, MD; Alice K. Henning, MS; Robert W. Lindblad, MD; Peter Dawson, PhD; Tamara T Perry, MD; Edwin H. Kim, MD and Robert A. Wood, MD, for the Consortium of Food Allergy Research (CoFAR). Egg Oral Immunotherapy (OIT) Induces More Rapid Desensitization and Sustained Unresponsiveness (SU) in Egg-Allergic, Baked-egg Tolerant Children than the Addition of Daily Baked-egg Products. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 22-25, 2019 in San Francisco, CA.
3. SH Sicherer, RA Wood, TT Perry, SM Jones, DYM Leung, AK Henning, P Dawson, AW Burks, R Lindblad, HA Sampson, for CoFAR. Risk Factors Associated with Peanut Allergy in a High Risk Infant Cohort (CoFAR2). Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-5, 2018 in Orlando, FL.
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  7. Sicherer SH, Wood RA, Perry TT, Vickery B, Jones SM, Leung DYM, Blackwell B, Dawson P, Burks AW, Lindblad R, Sampson HA, Consortium for Food Allergy Research (CoFAR). Determinants of Peanut Allergy in an Observational Study (CoFAR2) of Food Allergy. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 3-8, 2016 in Los Angeles, CA.
  8. Albin, S, Fei, K, Wood, RA, Fleischer, DM, Sicherer, S, Lindblad, R, Vickery, BP, Liu, A, Scurlock, A, Burks, AW, Jones, SM, Sampson, HA, Berin, C. Evaluation of plasma chemokines in the setting of egg oral immunotherapy. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
  9. Chiang D, Burks AW, Davidson W, Dawson P, Grishin A, Henning A, Jones S, Leung D, Lindblad R, Liu A, Scurlock AM, Sicherer SH, Vickery B, Wood R, Sampson HA, Berin C. Phenotypic analysis of peanut-responsive T cells at baseline in subjects enrolled in CoFAR6, a randomized placebo-controlled epicutaneous immunotherapy (EPIT) trial for the treatment of peanut allergy. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
  10. Chehade M, Jones SM, Pesek R, Burks AW, Wood RA, Leung DYM, Lindblad RW, Dawson P, Abonia JP, Sherrill J, Sampson HA, Rothenberg ME. Phenotypic characterization of the eosinophilic esophagitis (EoE) population in the Consortium of Food Allergy Research (CoFAR). Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
  11. Kottyan LC, Rothenberg JA, D'Mello RJ, Quan TT, Sherrill JD, Davis BP, Chehade M; Wood R; Pesek R; Brian P. Vickery; Fleischer D, Lindblad R, Sampson H, Rothenberg M. Shared Genetic Etiology between EoE and Other Allergic Diseases. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
  12. Lindblad R, Wood R, Dawson P, Henning A, Sicherer S, Perry T, Jones S, Vickery B, Burks W, Liu A, Leung DYM, Sampson HA. Safety of Food Allergy Clinical Trials: 10 Years of CoFAR. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
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  15. Sicherer SH, Wood RA, Jones SM, Perry TT, Vickery B, Burks W, Liu A, Leung DYM, Blackwell B, Dawson P, Lindblad R, Sampson H. Impact of Clinical Reactions on IgE Concentrations to Egg, Milk and Peanut in the Observational Cohort of the Consortium for Food Allergy Research (CoFAR). Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
  16. Wright BL, Kulis M, Orgel K, Burks AW, Dawson P, Jones SM, Wood RA, Sicherer SH, Lindblad RW, Stablein D, Liu AH, Leung DYM, Vickery BP, Sampson HA. Egg-specific IgA and IgA2 are associated

- with sustained unresponsiveness to egg following oral immunotherapy. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
17. Chiang D, Grishin AV, Madilamani M, Merad M, Palucka AK, Ueno H, Burks AW, Jones SM, Liu AH, Sicherer SH, Wood RA, Davidson W, Sampson HA, Berin MC: Profile of Food Allergen-Specific T Cells in Allergic and Clinically Tolerant Individuals. *J Allergy Clin Immunol* 2014, 133: AB292. Presented at Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 28-March 4, 2014 in San Diego, CA.
  18. SM Jones, AW Burks, RA Wood, DM Fleischer, SH Sicherer, AK Henning, RW Lindblad, P Dawson, BP Vickery, C Keet, AH Liu, AM Scurlock, HA Sampson. Long-Lasting Egg Consumption in Egg Allergic Children Treated with Oral Immunotherapy (OIT): Follow-up from the Consortium of Food Allergy Research (CoFAR) Study. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 28-March 4, 2014 in San Diego, CA.
  19. Mudd K, Ellingson J, Mayfield P, Talarico L, Kamilaris J, Sicherer S. Circumstances of Medically Unadvised Purposeful Exposure to Food Allergens in an Observational Study (Consortium of Food Allergy Research, COFAR). Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 22-26, 2013 in San Antonio, TX.
  20. S Sicherer; R Wood, B Vickery, D Fleischer, S Jones, A Henning, W Burks, A Liu, A Grishin, L Mayer, D Stablein, S Sampson. Clinical factors and laboratory correlates of egg allergy resolution in a cohort of infants with egg allergy (COFAR). Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 22-26, 2013 in San Antonio, TX.
  21. DM Fleischer, RA Wood, SM Jones, SH. Sicherer, AH. Liu, D Stablein, A Henning, L Mayer, R Lindblad, HA Sampson, AW Burks. Sublingual immunotherapy for peanut allergy: A randomized, double-blind, placebo-controlled multicenter trial. Presented at the 2012 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-6, 2012 in Orlando, FL.
  22. SM Jones, AW Burks, RA Wood, DM Fleischer, SH Sicherer, RW Lindblad, D Stablein, AK Henning, BP Vickery, AH Liu, AM Scurlock, WG Shreffler, M Plaut, HA Sampson, A Randomized, Placebo-Controlled, Multicenter Trial of Egg Oral Immunotherapy in Children: An Analysis of Clinical Tolerance. Presented at the 2012 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-6, 2012 in Orlando, FL.
  23. K Mudd, J Ellingson, P Mayfield, L Talarico, J Kamilaris, S Sicherer. Purposeful Exposure to Foods without Medical Recommendation in An Observational Study. Presented at the 2012 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-6, 2012 in Orlando, FL.
  24. SH Sicherer, D Stablein, RA Wood, AW Burks, AH Liu, SM Jones, DM Fleischer, L Mayer, R Lindblad, A Grishin, HA Sampson, Consortium of Food Allergy Research (CoFAR). Relationship of Cytokine and regulatory Gene Expression to the Outcomes of Milk and Egg Allergy in an Atopic Cohort. Presented at the 2012 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-6, 2012 in Orlando, FL.
  25. RA Wood, D Stablein, AK Henning, R Lindblad, SH Sicherer, Consortium of Food Allergy Research (CoFAR). A Phase 1 Study of Heat/Phenol Killed, E. coli-Encapsulated, Recombinant Modified Peanut Proteins Ara h 1, Ara h 2, and Ara h 3 (EMP-123) for the Treatment of Peanut Allergy. Presented at the 2012 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-6, 2012 in Orlando, FL.
  26. DC Rosenberg, G Tucker, I Barrow. A Web-Based Study Product Verification Utility for Blinded Treatment of Food Allergy Subjects. Presented at the 2011 Annual Meeting for the Society for Clinical Trials May 15-18, 2011 in Vancouver, British Columbia, Canada.

27. AM Scurlock, DYM Leung, HA Sampson, R Lindblad, AH Liu, RA Wood, SM Jones, AW Burks, D Stablein, SH Sicherer, Consortium of Food Allergy Research (CoFAR). Association of Atopic Dermatitis (AD) Severity to Milk and Egg Allergy Outcomes in a Cohort of Atopic, Food Allergic Children (CoFAR). Presented at the 2011 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 18-22, 2011 in San Francisco, CA. [Poster Number 126]
28. RA Wood, SM Jones, B Vickery, AH Liu, AW Burks, DM Fleischer, D Stablein, A Henning, L Mayer, HA Sampson, SH Sicherer. Clinical factors and laboratory correlates of milk allergy resolution in a cohort of infants with milk allergy (CoFAR). Presented at the 2011 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 18-22, 2011 in San Francisco, CA.
29. Vargas PA, Groetch ME, Christie L, Jones SM, Sicherer SH, Consortium of Food Allergy Research, (CoFAR). Validation of the Consortium of Food Allergy Research (CoFAR) Food Allergy Education Program (FAEP): One Year Follow-Up. Presented at the 2011 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 18-22, 2011 in San Francisco, CA.
30. AH Liu, SH Sicherer, AM Schiltz, A Henning, D Stablein, RA Wood, AW Burks, SM Jones, DM Fleischer, DYM Leung, WG Shreffler, R Lindblad, L Mayer, HA Sampson. Toll-like Receptor Polymorphisms in Infants With Likely Milk/Egg Allergy: Consortium for Food Allergy Research (CoFAR). Presented at the 2010 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 26 – March 2, 2010 in New Orleans, LA.
31. Jones SM, Fleischer DM, Sicherer SH, Wood RA, Lindblad R, Stablein D, Liu AH, Shreffler W, Leung DYM, Sampson HA, Burks AW. Egg Oral Immunotherapy (OIT) Induces Clinical Desensitization in a Double-Blind, Placebo-Controlled (DBPC) Trial in Egg Allergic Children from the Consortium of Food Allergy Research (CoFAR). Presented at the 2010 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 26 – March 2, 2010 in New Orleans, LA.
32. Shreffler W, Sicherer SH, Wood RA, Stablein D, Burks AW, Liu AH, Jones SM, Fleischer DM, Leung DYM, Grishin A, Mayer L, Lindblad R, Sampson HA. IgE Sensitization to Milk and Peanut are Associated with Increased IL-4 but not GATA-3 Expression from Antigen-Stimulated Leukocytes in Atopic Infants (COFAR Observational Study of Food Allergy). Presented at the 2010 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 26 – March 2, 2010 in New Orleans, LA.
33. Groetch ME, Christie L, Vargas PA, Carlisle S, Noone S, Jones SM, Sicherer SH. Development of a Food Allergy Educational Program: Baseline Satisfaction and Efficacy. Presented at the 2010 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 26 – March 2, 2010 in New Orleans, LA.
34. SH Sicherer, D Stablein, RA Wood, AW Burks, AH Liu, S Jones, DM Fleischer, DYM Leung, R Lindblad, HA Sampson, Consortium of Food Allergy Research, (CoFAR). Natural Course of Egg, Milk and Peanut Allergy Using a Novel Diagnostic Scheme: 1 Year Follow-Up in an Observational Study (CoFAR2) of Food Allergy. Presented at the 2009 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 13-17, 2009 in Washington, DC. [Poster Number 682]
35. DM Fleischer, S Jones, J Ullah, D Stablein, RA Wood, AW Burks, AH Liu, DYM Leung, R Lindblad, HA Sampson, SH Sicherer, for the Consortium of Food Allergy Research, (CoFAR). Characteristics of Food Allergic Reactions in a Multi-Center Observational Study (CoFAR2) of Food Allergy. Presented at the 2009 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 13-17, 2009 in Washington, DC. [Poster Number 706]
36. RA Wood, SH Sicherer, D Stablein, S Jones, AW Burks, AH Liu, DM Fleischer, DYM Leung, R Lindblad, HA Sampson, Consortium of Food Allergy Research, (CoFAR). Trends in Milk, Egg, and Peanut IgE Levels Over Time in an Observational Study of Infants with Food Allergy (COFAR2): One Year Follow Up. Presented at the 2009 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 13-17, 2009 in Washington, DC. [Poster Number 675]
37. Wood RA, Jones S, Burks AW, Liu AH, Fleischer DM, Leung DYM, Ullah J, Stablein D, Lindblad R, Sampson HA, Sicherer SH, for the Consortium of Food Allergy Research, (CoFAR). Clinical and Immunologic Features of Infants in an Observational Study (CoFAR) who were Selected for an

- Increased Risk to Develop Peanut Allergy (PNA). Presented at the 2008 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 14-18, 2008 in Philadelphia, PA. [Poster Number 932]
38. Sicherer SH, Stablein D, Jones S, Wood RA, Burks AW, Liu AH, Fleischer DM, Leung DYM, Ullah J, Lindblad R, Sampson HA, for the Consortium of Food Allergy Research, (CoFAR). Indicators of Increased Risk for Peanut Sensitization/Likely Allergy among 3-15 Month Olds at Time of Entry to an Observational Study (CoFAR) of Food Allergy. Presented at the 2008 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 14-18, 2008 in Philadelphia, PA. [Poster Number 3207]
  39. Vargas P, Jones S, Christie L, Noone S, Watkins D, Carlisle S, Sicherer S. Food Allergy (FA) Education for Parents: Focus Groups. Presented at the 2008 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 14-18, 2008 in Philadelphia, PA. [Poster 974]
  40. Groetch M, Christie L, Vargas P, Mofidi S, Jones S, Sicherer S. Food Allergy Education for Pediatric Dietitians: A Needs Assessment Survey. Presented at the 2008 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 14-18, 2008 in Philadelphia, PA. [Poster Number 981]
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#### CoFAR Supported Publications: Genetics

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1. Hong X, Hao K2, Ladd-Acosta C, Hansen KD, Tsai HJ, Liu X, Xu X, Thornton TA, Caruso D, Keet CA, Sun Y, Wang G, Luo W, Kumar R, Fuleihan R, Singh AM, Kim JS, Story RE, Gupta RS, Gao P, Chen Z, Walker SO, Bartell TR, Beaty TH, Fallin MD, Schleimer R, Holt PG, Nadeau KC, Wood RA, Pongratic JA, Weeks DE, Wang X. Genome-wide association study identifies peanut allergy-specific loci and evidence of epigenetic mediation in US children. *Nat Commun.* 2015 Feb 24;6:6304. (PMID: 25710614; PMCID: PMC4340086)
2. Liu X, Chen Q, Tsai HJ, Wang G, Hong X, Zhou Y, Zhang C, Liu C, Liu R, Wang H, Zhang S, Yu Y, Mestan KK, Pearson C, Otlans P, Zuckerman B, Wang X. Maternal preconception body mass index and offspring cord blood DNA methylation: Exploration of early life origins of disease. *Environ Mol Mutagen.* 2014 Apr;55(3):223-30. (PMID: 4243566; PMCID: In Process)
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5. Hong X, Caruso D, Kumar R, Liu R, Liu X, Wang G, Pongratic JA, Wang X. IgE but not IgG4 Antibodies to Ara h 2 Distinguish Peanut Allergy from Asymptomatic Peanut Sensitization. *Allergy.* 2012 Oct 25. doi: 10.1111/all.12047 (PMID: 23094689; PMCID: PMC3499645).
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7. Wang D, Liu X, Zhou Y, Xie H, Hong X, Tsai HJ, Wang G, Liu R, Wang X. Individual variation and longitudinal pattern of genome-wide DNA methylation from birth to the first two years of life. *Epigenetics*. 2012 Jun 1;7(6):594-605. Epub 2012 Jun 1 (PMID: 22522910; PMCID: PMC3398988).
8. Liu X, Wang G, Hong X, Wang D, Tsai HJ, Zhang S, Arguelles L, Kumar R, Wang H, Liu R, Zhou Y, Pearson C, Ortiz K, Schleimer R, Holt PG, Pongracic J, Price HE, Langman C, Wang X. Gene-vitamin D interactions on food sensitization: a prospective birth cohort study. *Allergy*. 2011 Nov;66(11):1442-8. doi: 10.1111/j.1398-9995.2011.02681.x. Epub 2011 Aug 5 (PMID:21819409; PMCID:PMC3189275).
9. Kumar R, Tsai HJ, Hong X, Gignoux C, Pearson C, Ortiz K, Fu M, Pongracic JA, Burchard EG, Bauchner H, Wang X. African ancestry, early life exposures, and respiratory morbidity in early childhood. *Clin Exp Allergy*. 2012 Feb;42(2):265-74. doi: 10.1111/j.1365-2222.2011.03873.x. Epub 2011 Sep 25 (PMID:22093077; PMCID:PMC3656492).
10. Kumar R, Tsai HJ, Hong X, Liu X, Wang G, Pearson C, Ortiz K, Fu M, Pongracic JA, Bauchner H, Wang X. Race, ancestry, and development of food-allergen sensitization in early childhood. *Pediatrics*. 2011 Oct;128(4):e821-9. Epub 2011 Sep 2 (PMID:21890831 PMCID: PMC3182844).
11. Hong X, Wang G, Liu X, Kumar R, Tsai HJ, Arguelles L, Hao K, Pearson C, Ortiz K, Bonzagni A, Apollon S, Fu L, Caruso D, Pongracic JA, Schleimer R, Holt PG, Bauchner H, Wang X. Gene polymorphisms, breast-feeding, and development of food sensitization in early childhood. *J Allergy Clin Immunol*. 2011 Aug;128(2):374-81.e2 (PMID: 21689850; PMCID:PMC3149737).

#### **CoFAR Supported Publications: Pre-Clinical**

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1. MC Berin, W Wang. Reduced severity of peanut-induced anaphylaxis in TLR9-deficient mice is associated with selective defects in humoral immunity. *Mucosal Immunol*. 2012 Jun 20. (PMID:22718261; PMCID: PMC3449039)
2. P Pochard, B Vickery, MC Berin, A Grishin, HA Sampson, M Caplan, and K Bottomly. Targeting Toll-like receptors on dendritic cells modifies the TH2 response to peanut allergens in vitro. *J Allergy Clin Immunol*, July 2010; 126(1): 92-97. (PMID: 20538332; PMCID: PMC2902661)

##### Abstracts

1. MC Berin and W Wang. Constitutive signaling via TLR9 influences GALT development and susceptibility to food allergic sensitization in mice. Presented at ICMI 2009 (Mucosal Immunology, Boston, MA).
2. P Pochard, BP Vickery, MJ Caplan, HA Sampson, MC Berin and KH Bottomly. EMP-123 protects mice from peanut-triggered anaphylaxis by inducing T cells with regulatory properties. Presented at the 2009 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 13-17, 2009 in Washington, DC.
3. BP Vickery, P Pochard, MJ Caplan, HA Sampson, MC Berin, and K Bottomly. Peanut Induced Dendritic Cell (DC) Maturation and Cytokine Production Is Modulated by the Microbial Components of EMP-123, Leading to Changes in Adaptive Immunity In Vitro. Presented at the 2009 Annual Meeting of the American Academy of Allergy, Asthma, and Immunology, March 13-17, 2009 in Washington, DC.