

CoFAR BIBLIOGRAPHY

Publications

1. Chehade M, Jones SM, Pesek RD, Burks AW, Vickery BP, Wood RA, Leung DYM, Furuta GT, Fleischer DM, Henning AK, Dawson P, Lindblad RW, Sicherer SH, Abonia JP, Sherrill JD, Sampson HA, Rothenberg ME. Phenotypic Characterization of Eosinophilic Esophagitis in a Large Multi-Center Patient Population from the Consortium for Food Allergy Research. *J Allergy Clin Immunol Pract*. 2018 Jul 31. [Epub ahead of print] (PMID: 30075341)
2. Kottyan LC, Maddox A, Braxton JR, Stucke EM, Mukkada V, Putnam PE, Abonia JP, Chehade M, Wood RA, Pesek RD, Vickery BP, Furuta GT, Dawson P, Sampson HA, Martin LJ, Kelly JA, Kimberly RP, Sivils K, Gaffney PM, Kaufman K, Harley JB, Rothenberg ME. Genetic variants at the 16p13 locus confer risk for eosinophilic esophagitis. *Genes Immun*. 2018 Jun 8. [Epub ahead of print] (PMID: 29904099)
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7. Agashe C, Chiang D, Grishin A, Masilamani M, Jones S, Wood R, Sicherer S, Burks AW, Leung DYM, Dawson P, Sampson H, Berin C. Impact of granulocyte contamination on PBMC integrity of shipped blood samples: Implications for multi-center studies monitoring regulatory T cells. *J Immunol Methods*. 2017 Oct; 449:23-27. (PMID: 28629732; PMCID: PMC5573627)
8. Kosoy R, Agashe C, Grishin A, Leung DY, Wood RA, Sicherer SH, Jones SM, Burks AW, Davidson WF, Lindblad RW, Dawson P, Merad M, Kidd BA, Dudley JT, Sampson HA, Berin MC. Transcriptional Profiling of Egg Allergy and Relationship to Disease Phenotype. *PLoS One*. 2016 Oct 27;11(10): e0163831. doi: 10.1371/journal.pone.0163831. eCollection 2016. (PMID: 27788149; PMCID: PMC5082817)
9. Jones SM, Sicherer SH., Burks AW, Leung, DYM, Lindblad, RW, Dawson P, Henning, AK, Berin MC, Chiang D, Vickery BP, Pesek RD, Cho CB, Davidson WF, Plaut M, Sampson HA, Wood RA. Epicutaneous immunotherapy for the treatment of peanut allergy in children and young adults. *J Allergy Clin Immunol*. 2017 Apr;139(4):1242-1252. Epub 2016 Oct 26. (PMID: 28091362; PMCID: Not available)
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11. Wright BL, Kulis M, Orgel KA, Burks AW, Dawson P, Henning AK, Jones SM, Wood RA, Sicherer SH, Lindblad RW, Stablein D, Leung DY, Vickery BP, Sampson HA; Consortium of Food Allergy Research. Component-resolved analysis of IgA, IgE, and IgG4 during egg OIT identifies markers associated with

sustained unresponsiveness. *Allergy*. 2016 Mar 25. doi: 10.1111/all.12895. (PMID: 27015954; PMCID: PMC5035709)

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16. Kottyan L, Davis B, Sherrill J, Liu K, Rochman M, Kaufman K, Weirauch M, Vaughn S, Lazaro S, Rupert A, Kohram M, Stucke E, Kemme K, Magnusen A, He H, Dexheimer P, Chehade M, Wood RA, Pesek R, Vickery BP, Fleischer DM, Lindblad R, Sampson HA, Mekkada V, Putnam P, Abonia JP, Martin L, Harley J, Rothenberg M. Genome-wide association analysis of eosinophilic esophagitis provides insight into the tissue specificity of this allergic disease. *Nat Genet*. 2014 Aug;46(8):895-900. (PMID: 25017104; PMCID: PMC4121957).
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21. Burks AW, Jones SM, Wood RA, Fleischer DM, Sicherer SH, Lindblad R, Stablein D, Henning AK, Vickery BP, Liu AH, Scurlock AM, Shreffler WG, Plaut M, and Sampson HA for the Consortium of Food Allergy Research. Oral Immunotherapy for Treatment of Egg Allergy in Children. *N Engl J Med*, 2012 July 19; 367:233-243 (PMID: 22808958; PMCID: PMC3424505).
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Abstracts

1. 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.
2. Suárez-Fariñas M, Suprun M, Gimenez G, Grishina G, Henning A, Sicherer S, Wood R, Jones S, Burks W, Leung D and Sampson H. Peanut epitope-specific IgE binding in the first 2 years of life can predict clinical peanut allergy. Presented a EACCI June 20, 2017 in Helsinki, Finland.
3. Watson CT, Cohain AT, Griffin RS, Chun Y, Grishin A, Hacyznska H, Hoffman G, Beckmann ND, Shah S, Dawson P, Henning A, Wood R, Burks AW, Jones SM, Leung DYM, Sicherer S, Sampson HA, Sharp AJ, Schad EE, Bunyavanich S. Analysis of Serial Peripheral Blood Transcriptomes from Peanut Allergic Children Undergoing Double-blind, Placebo-controlled Oral Food Challenges Reveals Key Drivers of the Acute Allergic Response to Peanut. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 2-6, 2017 in Atlanta, GA.
4. Kottyan LC, D'Mello RJ, Miller D, Maddox A, Stuke E, Rochman M, Patel Z, Rothenberg JA, Davis BP, Chehade M; Sampson HA; Wood R; Pesek R; Jones SM; Vickery B; Burks AW; Fleischer DM; Leung DY; Lindblad R; Dawson P, Weirauch M, Rothenberg M. 11q13 is an allergic risk-locus that increases EoE risk and increases LRRC32 expression. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology March 3-8, 2016 in Los Angeles, CA.
5. 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.
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egg oral immunotherapy. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.

7. 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.
8. 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.
9. 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.
10. 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.
11. Luccioli S, Zhu J, Fleischer D, Hiemstra W, Kim E, Leung S, Lindblad R, Mudd K, Reames R, Steele P, Hugh Sampson, Sicherer S, Vickery B, Kwegyir-Afful E. Stratification of health risk posed by allergic responses at peanut threshold doses: A pilot study. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
12. Davis BP, Kottyan LC, Stucke EM, Harley JB, Rothenberg ME. Functional Analysis of Calpain-14 in Eosinophilic Esophagitis. Annual Meeting of the American Academy of Allergy, Asthma, and Immunology February 20-24, 2015 in Houston, TX.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.

18. 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.
19. 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.
20. 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.
21. 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.
22. 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.
23. 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.
24. 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.
25. 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]
26. 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.
27. 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.
28. 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.
29. 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.

30. 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.
31. 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.
32. 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]
33. 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]
34. 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]
35. 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]
36. 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]
37. 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]
38. 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]
39. Carlisle S, Vargas P, Noone S, Steele P, Sicherer S, Burks W, Jones S. Food Allergy (FA) Education for School Nurses: 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 943]

CoFAR Supported Publications: Genetics

Manuscripts

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, Pongracic 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)
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CoFAR Supported Publications: Pre-Clinical

Manuscripts

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.