

Last Updated August 2023

Refereed Papers / Articles:

1. Chun Y, Grishin A, Rose R, Zhao W, Arditi Z, Zhang L, Wood RA, **Burks AW**, Jones SM, Leung DYM, Jones DR, Sampson HA, Sicherer SH, Bunyavanich S. Longitudinal dynamics of the gut microbiome and metabolome in peanut allergy development. *J Allergy Clin Immunol*. 2023 Aug 22:S0091-6749(23)01065-5. doi: 10.1016/j.jaci.2023.08.012. Epub ahead of print. PMID: 37619819.
2. Greenhawt M, Sindher SB, Wang J, O'Sullivan M, du Toit G, Kim EH, Albright D, Anvari S, Arends N, Arkwright PD, Bégin P, Blumchen K, Bourrier T, Brown-Whitehorn T, Cassell H, Chan ES, Ciaccio CE, Deschildre A, Divaret-Chauveau A, Dorris SL, Dorsey MJ, Eiwegger T, Erlewyn-Lajeunesse M, Fleischer DM, Ford LS, Garcia-Lloret M, Giovannini-Chami L, Hourihane JO, Jay N, Jones SM, Kerns LA, Klopfer KM, Leonard S, Lezmi G, Lieberman JA, Lomas J, Makhija M, Parrish C, Peake J, Perrett KP, Petroni D, Pfützner W, Pongracic JA, Quinn P, Robison RG, Sanders G, Schneider L, Sharma HP, Trujillo J, Turner PJ, Tuttle K, Upton JE, Varshney P, Vickery BP, Vogelberg C, Wainstein B, Wood RA, Bee KJ, Campbell DE, Green TD, Rouissi R, Peillon A, Bahnson HT, Bois T, Sampson HA, **Burks AW**. Phase 3 Trial of Epicutaneous Immunotherapy in Toddlers with Peanut Allergy. *N Engl J Med*. 2023 May 11;388(19):1755-1766. doi: 10.1056/NEJMoa2212895. PMID: 37163622.
3. Kim EH, Keet CA, Virkud YV, Chin S, Ye P, Penumarti A, Smeekens J, Guo R, Yue X, Li Q, Kosorok MR, Kulis MD, **Burks AW**. Open-label study of the efficacy, safety, and durability of peanut sublingual immunotherapy in peanut-allergic children. *J Allergy Clin Immunol*. 2023 Jun;151(6):1558-1565.e6. doi: 10.1016/j.jaci.2023.01.036. Epub 2023 Feb 23. PMID: 36828080; PMCID: PMC10257751.
4. Liu EG, Zhang B, Martin V, Anthonypillai J, Kraft M, Grishin A, Grishina G, Catanzaro JR, Chinthrajah S, Sindher T, Manohar M, Quake AZ, Nadeau K, **Burks AW**, Kim EH, Kulis MD, Henning AK, Jones SM, Leung DYM, Sicherer SH, Wood RA, Yuan Q, Shreffler W, Sampson H, Shabanova V, Eisenbarth SC. Food-specific immunoglobulin A does not correlate with natural tolerance to peanut or egg allergens. *Sci Transl Med*. 2022 Nov 16;14(671):eabq0599. doi: 10.1126/scitranslmed.abq0599. Epub 2022 Nov 16. PMID: 36383680; PMCID: PMC10219469.
5. Steinbach EC, Smeekens JM, Roy S, Toyonaga T, Cornaby C, Perini LB, Berglind AE, Kulis MD, Kim EH, Ferris MT, Furey TS, **Burks AW**, Sheikh SZ. Intestinal epithelial cell barrier dysfunction and elevated Angiopoietin-like 4 identified in orally susceptible peanut allergy model. *Clin Exp Allergy*. 2023 Feb;53(2):210-215. doi: 10.1111/cea.14248. Epub 2022 Nov 6. PMID: 36336910; PMCID: PMC9976618.
6. Suber J, Zhang Y, Ye P, Guo R, **Burks AW**, Kulis MD, Smith SA, Iweala OI. Novel peanut-specific human IgE monoclonal antibodies enable screens for inhibitors of the effector phase in food allergy. *Front Immunol*. 2022 Sep 29;13:974374. doi: 10.3389/fimmu.2022.974374. PMID: 36248809; PMCID: PMC9556733.
7. Lozano-Ojalvo D, Tyler SR, Aranda CJ, Wang J, Sicherer S, Sampson HA, Wood RA, **Burks AW**, Jones SM, Leung DYM, de Lafaille MC, Berin MC. Allergen recognition by specific effector Th2 cells enables IL-2-dependent activation of regulatory T-cell responses in humans. *Allergy*. 2023 Mar;78(3):697-713. doi: 10.1111/all.15512. Epub 2022 Sep 20. PMID: 36089900; PMCID: PMC10111618.
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9. Hardy LC, Smeekens JM, Raghuvanshi D, Sarkar S, Daskhan GC, Rogers S, Nycholat C, Maleki S, **Burks AW**, Paulson JC, Macauley MS, Kulis MD. Targeting CD22 on memory B cells to induce tolerance to peanut allergens. *J Allergy Clin Immunol*. 2022 Jul 14:S0091-6749(22)00914-9. doi: 10.1016/j.jaci.2022.06.022. Epub ahead of print. PMID: 35839842.
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13. Jones SM, Kim EH, Nadeau KC, Nowak-Wegrzyn A, Wood RA, Sampson HA, Scurlock AM, Chinthrajah S, Wang J, Pesek RD, Sindher SB, Kulis M, Johnson J, Spain K, Babineau DC, Chin H, Laurienzo-Panza J, Yan R, Larson D, Qin T, Whitehouse D, Sever ML, Sanda S, Plaut M, Wheatley LM, **Burks AW**; Immune Tolerance Network. 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*. 2022 Jan 22;399(10322):359-371. doi: 10.1016/S0140-6736(21)02390-4. PMID: 35065784; PMCID: PMC9119642.
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16. Scurlock AM, **Burks AW**, Sicherer SH, Leung DYM, Kim EH, Henning AK, Dawson P, Lindblad RW, Berin MC, Cho CB, Davidson WF, Plaut M, Sampson HA, Wood RA, Jones SM, Consortium for Food Allergy Research (CoFAR). Epicutaneous immunotherapy for treatment of peanut allergy: follow-up from the Consortium for Food Allergy Research. *J Allergy Clin Immunol*. 2021 Mar;147(3):992-1003.e5. doi: 10.1016/j.jaci.2020.11.027. PMID: 33290772.
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