

Last Updated July 2023

1. Immormino RM, Smeekens JM, Mathai PI, Kesselring JR, Turner AV, Kulis MD, **Moran TP**. Peanut butter feeding induces oral tolerance in genetically diverse collaborative cross mice. *Front Allergy*. 2023 Jul 17;4:1219268. doi: 10.3389/falgy.2023.1219268. PMID: 37528863; PMCID: PMC10387557.
2. Smeekens JM, Immormino RM, Kesselring JR, Turner AV, Kulis MD, **Moran TP**. A single priming event prevents oral tolerance to peanut. *Clin Exp Allergy*. 2023 Jul 12. doi: 10.1111/cea.14373. Epub ahead of print. PMID: 37437951.
3. Donoghue LJ, McFadden KM, Vargas D, Smith GJ, Immormino RM, **Moran TP**, Kelada SNP. Collaborative cross strain CC011/UncJ as a novel mouse model of T2-high, severe asthma. *Respir Res*. 2023 Jun 9;24(1):153. PMID: 37296458; PMCID: PMC10251525.
4. Donoghue LJ, McFadden KM, Vargas D, Smith GJ, Immormino RM, **Moran TP**, Kelada SNP. Collaborative cross strain CC011/UncJ as a novel mouse model of T2-high, severe asthma. *Respir Res*. 2023 Jun 9;24(1):153. PMID: 37296458; PMCID: PMC10251525.
5. Hickman E, Smyth T, Cobos-Uribe C, Immormino R, Rebuli ME, **Moran T**, Alexis NE, Jaspers I. Expanded characterization of in vitro polarized M0, M1, and M2 human monocyte-derived macrophages: Bioenergetic and secreted mediator profiles. *PLoS One*. 2023 Mar 2;18(3):e0279037. PMID: 36862675; PMCID: PMC9980743.
6. **Moran TP**. Impact of the exposome on food allergy development. *Curr Opin Allergy Clin Immunol*. 2023 Apr 1;23(2):164-171. Epub 2023 Jan 11. PMID: 36728313; PMCID: PMC9985871.
7. **Moran TP**, Kulis MD. A "LEAP" forward in understanding immune mechanisms of oral tolerance to peanut. *J Allergy Clin Immunol*. 2022 Aug;150(2):299-301. Epub 2022 Apr 28. PMID: 35490903; PMCID: PMC9635268.
8. Immormino RM, Jania CM, Tilley SL, **Moran TP**. Neuropilin-2 regulates airway inflammation in a neutrophilic asthma model. *Immun Inflamm Dis*. 2022 Mar;10(3):e575. doi: 10.1002/iid3.575. Epub 2021 Dec 3. PMID: 34861108; PMCID: PMC8926497.
9. Winslow A, Jalazo ER, Evans A, Winstead M, **Moran T**. A De Novo Cause of PGM3 Deficiency Treated with Hematopoietic Stem Cell Transplantation. *J Clin Immunol*. 2022 Jan 18:1-4. Epub ahead of print. PMID: 35040011; PMCID: PMC8763434.
10. Smith GJ, Tovar A, McFadden K, **Moran TP**, Wagner JG, Harkema JR, Kelada SNP. A Murine Model of Ozone-induced Nonatopic Asthma from the Collaborative Cross. *Am J Respir Cell Mol Biol*. 2021 Dec;65(6):672-674. PMID: 34851239; PMCID: PMC8641798.
11. Tovar A, Crouse WL, Smith GJ, Thomas JM, Keith BP, McFadden KM, **Moran TP**, Furey TS, Kelada SNP. Integrative analysis reveals mouse strain-dependent responses to acute ozone exposure associated with airway macrophage transcriptional activity. *Am J Physiol Lung Cell Mol Physiol*. 2022 Jan 1;322(1):L33-L49. PMID: 34755540; PMCID: PMC8721896.
12. Forster M, **Moran T**, Beaven A, Voorhees T. Novel ZAP-70-Related Immunodeficiency Presenting with Epstein-Barr Virus Lymphoproliferative Disorder and Hemophagocytic Lymphohistiocytosis. *Case Reports Immunol*. 2021 Jun 19;2021:6587323. PMID: 34239742; PMCID: PMC8238617.
13. Kulis MD, Smeekens JM, Immormino RM, **Moran TP**. The airway as a route of sensitization to peanut: An update to the dual allergen exposure hypothesis. *J Allergy Clin Immunol*. 2021 Sep;148(3):689-693. PMID: 34111450; PMCID: PMC8429226.
14. Smeekens JM, Johnson-Weaver BT, Hinton AL, Azcarate-Peril MA, **Moran TP**, Immormino RM, Kesselring JR, Steinbach EC, Orgel KA, Staats HF, Burks AW, Mucha PJ, Ferris MT, Kulis MD. Fecal IgA, Antigen Absorption, and Gut Microbiome Composition Are Associated With Food Antigen Sensitization in Genetically Susceptible Mice. *Front Immunol*. 2021 Jan 19;11:599637. PMID: 33542716; PMCID: PMC7850988.

15. Smeekens JM, Immormino RM, Kulis MD, **Moran TP**. Timing of exposure to environmental adjuvants is critical to mitigate peanut allergy. *J Allergy Clin Immunol*. 2020 Sep 24;S0091-6749(20)31321-X. Epub ahead of print. PMID: 32980426.
16. Francis OL, Wang KY, Kim EH, **Moran TP**. Common food allergens and cross-reactivity. *Journal of Food Allergy*. 2020 Sep;2(1):17-21
17. **Moran TP**. The External Exposome and Food Allergy. *Curr Allergy Asthma Rep*. 2020;20(8):37. PMID 32506329
18. Smeekens JM, Immormino RM, Balogh PA, Randell SH, Kulis MD, **Moran TP**. Indoor dust acts as an adjuvant to promote sensitization to peanut through the airway. *Clin Exp Allergy*. 2019 Nov;49(11):1500-1511. PMID: 31444814
19. Lin L, **Moran TP**, Peng B, Yang J, Culton DA, Che H, Jiang S, Liu Z, Geng S, Zhang Y, Diaz LA, Qian Y. Walnut antigens can trigger autoantibody development in patients with pemphigus vulgaris through a "hit-and-run" mechanism. *J Allergy Clin Immunol*. 2019 Sep;144(3):720-728.e4. PubMed PMID: 31071340; PubMed Central PMCID: PMC6742533.
20. Immormino RM, Lauzier DC, Nakano H, Hernandez ML, Alexis NE, Ghio AJ, Tilley SL, Doerschuk CM, Peden DB, Cook DN, **Moran TP**. Neuropilin-2 regulates airway inflammatory responses to inhaled lipopolysaccharide. *Am J Physiol Lung Cell Mol Physiol*. 2018 Aug 1;315(2):L202-L211. PubMed PMID: 29671604; PubMed Central PMCID: PMC6139664.
21. Dellon ES, Lin L, Beitia R, **Moran TP**, Qian Y. Serum autoantibodies against epithelial cell adhesion molecules as disease biomarkers of eosinophilic esophagitis. *Clin Exp Allergy*. 2018 Mar;48(3):343-346. PubMed PMID: 29193433; PubMed Central PMCID: PMC5828977.
22. Iweala OI, Copenhaver C, Wu EY, **Moran TP**. Hydroxychloroquine as a steroid-sparing agent in an infant with chronic urticaria. *Ann Allergy Asthma Immunol*. 2018 Jan;120(1):102-104. PubMed PMID: 29157861; PubMed Central PMCID: PMC5934996.
23. Whitehead GS, Thomas SY, Shalaby KH, Nakano K, **Moran TP**, Ward JM, Flake GP, Nakano H, Cook DN. TNF is required for TLR ligand-mediated but not protease-mediated allergic airway inflammation. *J Clin Invest*. 2017 Sep 1;127(9):3313-3326. PubMed PMID: 28758900; PubMed Central PMCID: PMC5669552.
24. **Moran TP**, Nakano K, Whitehead GS, Thomas SY, Cook DN, Nakano H. Inhaled house dust programs pulmonary dendritic cells to promote type 2 T-cell responses by an indirect mechanism. *Am J Physiol Lung Cell Mol Physiol*. 2015 Nov 15;309(10):L1208-18. PubMed PMID: 26386119; PubMed Central PMCID: PMC4652150.
25. **Moran TP**, Burks AW. Is clinical tolerance possible after allergen immunotherapy? *Curr Allergy Asthma Rep*. 2015 May;15(5):23. Review. PubMed PMID: 26139331; PubMed Central PMCID: PMC4766811.
26. Nakano H, **Moran TP**, Nakano K, Gerrish KE, Bortner CD, Cook DN. Complement receptor C5aR1/CD88 and dipeptidyl peptidase-4/CD26 define distinct hematopoietic lineages of dendritic cells. *J Immunol*. 2015 Apr 15;194(8):3808-19. PubMed PMID: 25769922; PubMed Central PMCID: PMC4390500.
27. **Moran TP**, Nakano H, Kondilis-Mangum HD, Wade PA, Cook DN. Epigenetic control of Ccr7 expression in distinct lineages of lung dendritic cells. *J Immunol*. 2014 Nov 15;193(10):4904-13. PubMed PMID: 25297875; PubMed Central PMCID: PMC4225164.
28. Lin KL, Fulton LM, Berginski M, West ML, Taylor NA, **Moran TP**, Coghill JM, Blazar BR, Bear JE, Serody JS. Intravital imaging of donor allogeneic effector and regulatory T cells with host dendritic cells during GVHD. *Blood*. 2014 Mar 6;123(10):1604-14. PubMed PMID: 24415540; PubMed Central PMCID: PMC3945868.

29. **Moran TP**, Vickery BP, Burks AW. Oral and sublingual immunotherapy for food allergy: current progress and future directions. *Curr Opin Immunol*. 2013 Dec;25(6):781-7. Review. PubMed PMID: 23972904; PubMed Central PMCID: PMC3935613.
30. Coghill JM, Sarantopoulos S, **Moran TP**, Murphy WJ, Blazar BR, Serody JS. Effector CD4+ T cells, the cytokines they generate, and GVHD: something old and something new. *Blood*. 2011 Mar 24;117(12):3268-76. Review. PubMed PMID: 21245483; PubMed Central PMCID: PMC3069668.
31. Burgents JE, **Moran TP**, West ML, Davis NL, Johnston RE, Serody JS. The immunosuppressive tumor environment is the major impediment to successful therapeutic vaccination in Neu transgenic mice. *J Immunother*. 2010 Jun;33(5):482-91. PubMed PMID: 20463599.
32. Coghill JM, Carlson MJ, **Moran TP**, Serody JS. The biology and therapeutic potential of natural regulatory T-cells in the bone marrow transplant setting. *Leuk Lymphoma*. 2008 Oct;49(10):1860-9. Review. PubMed PMID: 18661393.
33. Ljungberg K, Whitmore AC, Fluet ME, **Moran TP**, Shabman RS, Collier ML, Kraus AA, Thompson JM, Montefiori DC, Beard C, Johnston RE. Increased immunogenicity of a DNA-launched Venezuelan equine encephalitis virus-based replicon DNA vaccine. *J Virol*. 2007 Dec;81(24):13412-23. PubMed PMID: 17913817; PubMed Central PMCID: PMC2168848.
34. **Moran TP**, Burgents JE, Long B, Ferrer I, Jaffee EM, Tisch RM, Johnston RE, Serody JS. Alphaviral vector-transduced dendritic cells are successful therapeutic vaccines against neu- overexpressing tumors in wild-type mice. *Vaccine*. 2007 Sep 4;25(36):6604-12. PubMed PMID: 17675184; PubMed Central PMCID: PMC2692294.
35. **Moran TP**, Collier M, McKinnon KP, Davis NL, Johnston RE, Serody JS. A novel viral system for generating antigen-specific T cells. *J Immunol*. 2005 Sep 1;175(5):3431-8. PubMed PMID: 16116238.
36. Poluektova L, **Moran T**, Zelivyanskaya M, Swindells S, Gendelman HE, Persidsky Y. The regulation of alpha chemokines during HIV-1 infection and leukocyte activation: relevance for HIV-1-associated dementia. *J Neuroimmunol*. 2001 Nov 1;120(1-2):112-28. PubMed PMID: 11694326.