Stanford



Sarah Yasmeen Afzal

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CLINICAL OFFICE (PRIMARY)

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Bio

CLINICAL FOCUS

- Pediatric Allergy and Immunology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics - Immunology

PROFESSIONAL EDUCATION

- Board Certification: Allergy and Immunology, American Board of Allergy and Immunology (2025)
- Fellowship: Stanford University Allergy and Immunology Fellowship (2025) CA
- Board Certification: Pediatrics, American Board of Pediatrics (2024)
- Residency: Stanford University Pediatric Residency at Lucile Packard Children's Hospital (2022) CA
- Residency: University of Chicago Pediatric Residency (2021) IL
- Medical Education: Rosalind Franklin University The Chicago Medical School (2019) IL

Publications

PUBLICATIONS

- **Evaluating the effect of age and comorbidity on dupilumab-dependent immunoglobulin E reduction in children with food allergy.** *Allergy and asthma proceedings*
  Afzal, S. Y., MacDougall, M. S., Lu, D., McGhee, S. A.
  2026; 47 (5): 328-335

- **Investigating the Effect of Dupilumab on Specific Immunoglobulin-E (sIgE) Levels in Children with IgE-mediated Food Allergy**
  Afzal, S., McGhee, S.
  MOSBY-ELSEVIER.2025: AB132

- **Safety Outcomes of a One-Bag Chemotherapy/ Monoclonal Desensitization Protocol and Outpatient Transition**
  Jiang, S., Afzal, S., Zhu, L., Tran, N., Arroyo, A., Liu, A.
  MOSBY-ELSEVIER.2025: AB2

- **Immunodeficiency: Gene therapy for primary immune deficiency.** *Allergy and asthma proceedings*
  Afzal, S. Y., MacDougall, M. S., McGhee, S. A.
  2024; 45 (5): 384-388

- **Dynamic enhancer landscapes in human craniofacial development.** *Nature communications*
  Rajderkar, S. S., Paraiso, K., Amaral, M. L., Kosicki, M., Cook, L. E., Darbellay, F., Spurrell, C. H., Osterwalder, M., Zhu, Y., Wu, H., Afzal, S. Y., Blow, M. J., Kelman, et al
  2024; 15 (1): 2030

- **Cell Type- and Tissue-specific Enhancers in Craniofacial Development.** *bioRxiv : the preprint server for biology*
  Rajderkar, S. S., Paraiso, K., Amaral, M. L., Kosicki, M., Cook, L. E., Darbellay, F., Spurrell, C. H., Osterwalder, M., Zhu, Y., Wu, H., Afzal, S. Y., Blow, M. J., Kelman, et al
  2023

- **Multisystem Inflammatory Syndrome in Children** *PEDIATRIC ANNALS*
  Acholonu, C., Cohen, E., Afzal, S. Y., Jani, P., Tesher, M.
  2023; 52 (3): E114-E121

- **Infant in extremis: respiratory failure secondary to lower airway infantile hemangioma.** *BMC pediatrics*
  MacDougall, M. S., Afzal, S. Y., Freedman, M. S., Han, P.
  2022; 22 (1): 744

- **Unique hepatic manifestations of COVID-19-induced immune dysregulation in children.** *Clinical case reports*
  Kleinhenz, J., Wagner, E., Afzal, S. Y., Shaarbaf, H., De Avila, J. L., Azzam, R.
  2022; 10 (11): e6510

- **Genome-wide fetalization of enhancer architecture in heart disease** *Cell Reports*
  Spurrell, C. H., Barozzi, I., Kosicki, M., Mannion, B. J., Blow, M. J., Fukada-Yuzawa, Y., Slaven, N., Afzal, S. Y., Akiyama, J. A., Afzal, V., Tran, S., Plajzer-Frick, I., Novak, et al
  2022; 40 (12)

- **Acute Pancreatitis in Children** *PEDIATRIC ANNALS*
  Afzal, S., Kleinhenz, J.
  2021; 50 (8): E330-E335

- **Professional tribute: Dr. Mary D. Jones.** *Journal of pediatric rehabilitation medicine*
  Afzal, S. Y.
  2021; 14 (1): 5-6

- **Genome-Wide Fetalization of Enhancer Architecture in Heart Disease** *bioRxiv*
  Cailyn, S. H.
  2019

- **Enhancer redundancy provides phenotypic robustness in mammalian development.** *Nature*
  Osterwalder, M., Barozzi, I., Tissières, V., Fukuda-Yuzawa, Y., Mannion, B. J., Afzal, S. Y., Lee, E. A., Zhu, Y., Plajzer-Frick, I., Pickle, C. S., Kato, M., Garvin, T. H., Pham, et al
  2018; 554 (7691): 239-243

- **The effect of low magnitude mechanical stimulation (LMMS) on bone density in patients with Rett syndrome: a pilot and feasibility study.** *Journal of pediatric rehabilitation medicine*
  Afzal, S. Y., Wender, A. R., Jones, M. D., Fung, E. B., Pico, E. L.
  2014; 7 (2): 167-78