



Sarah Yasmeeen Afzal

Clinical Assistant Professor, Pediatrics - Immunology

CLINICAL OFFICE (PRIMARY)

- **Stanford Children's Health, Allergy and Immunology**

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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

- **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., Teshler, 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., Fukuda-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