

## Sarah Yasmeen Afzal

- Affiliate, Department Funds
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### Publications

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#### PUBLICATIONS

- **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., 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