

## Michael Freedman

Clinical Instructor, Pediatrics - Cardiology

### Bio

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#### ACADEMIC APPOINTMENTS

- Clinical Instructor, Pediatrics - Cardiology

### Publications

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#### PUBLICATIONS

- **A conserved immune dysregulation signature is associated with infection severity, risk factors prior to infection, and treatment response.** *Immunity*  
Ganesan, A., Moore, A. R., Zheng, H., Toh, J., Freedman, M., Magis, A. T., Heath, J. R., Khatri, P.  
2025
- **Estimated Burden of Coccidioidomycosis.** *JAMA network open*  
Williams, S. L., Benedict, K., Jackson, B. R., Rajeev, M., Cooksey, G., Ruberto, I., Williamson, T., Sunenshine, R. H., Osborn, B., Oltean, H. N., Reik, R. R., Freedman, M. S., Spec, et al  
2025; 8 (6): e2513572
- **SEVERE OR MILD TRANSCRIPTOMIC SCORE IS CONSERVED IN INFECTIOUS AND NONINFECTIOUS CRITICAL ILLNESS**  
Ganesan, A., Moore, A., Zheng, H., Freedman, M., Rogers, A., Khatri, P.  
LIPPINCOTT WILLIAMS & WILKINS.2025
- **42-gene Severe-or-Mild (SOM) gene expression signature is conserved across viral and bacterial infections and originates from developing neutrophils**  
Moore, A., Freedman, M., Zheng, H., Ganesan, A., Rogers, A., Khatri, P.  
AMER ASSOC IMMUNOLOGISTS.2024
- **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
- **Initial emergency department vital signs may predict PICU admission in pediatric patients presenting with asthma exacerbation.** *The Journal of asthma : official journal of the Association for the Care of Asthma*  
Freedman, M. S., Forno, E.  
2022: 1-13
- **The association of flavored milk consumption with milk and energy intake, and obesity: A systematic review** *PREVENTIVE MEDICINE*  
Patel, A. I., Moghadam, S., Freedman, M., Hazari, A., Fang, M., Allen, I. E.  
2018; 111: 151-62