

# Immune dynamics in women with TB infection during pregnancy and post-partum

TB Works in Progress  
Seminar



**FRIDAY**

 **June 6, 2025**

 **9-10 AM**

 **CNR 3001 & Zoom**  
<https://zoom.us/j/93106215520>



**Fregenet Tesfaye, PhD, MSc**  
**Armauer Hansen Research  
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Dr. Tesfaye received her PhD in Clinical Infectious Diseases and her research focuses on the impact of pregnancy on immune control of tuberculosis (TB) infection and identifying diagnostic biomarkers for TB in pregnant women with and without HIV infection. As a Research Fellow with the Ethiopian Emory TB Research Training Program, she expanded her research to investigate the immunological dynamics of TB infection during pregnancy. Through a TRAC-G Pilot Grant and in collaboration with Dr. Cheryl Day at the Emory Vaccine Center, Dr. Tesfaye is studying *Mycobacterium tuberculosis*-specific T cell immune responses and single-cell transcriptional signatures during pregnancy and the postpartum period to better understand the pathogenesis of TB progression.