The indoor microbiome, allergies, and asthma

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The impact of buildings on human health is profound. Adults and children spend more than 90% of their time indoors where the majority of a human’s inhalation, contact, and ingestion exposures occur. Our group integrates DNA–based microbial diversity measurements, quantitative engineering models, and epidemiology to understand how bacterial and fungal communities prevent asthma and allergy development and influence asthma severity.

*There will be a reception from 3:30pm-4:00pm where light refreshments will be served in Mudd 801.