



## Speaker Profile

**Speaker** Adam Waickman

**Designation** Assistant Professor,  
State University of New York Upstate Medical University, USA.

**Title** Beyond mucosal immunity: dissecting the role of IgA in dengue

**Abstract** Dengue virus (DENV) is a prevalent human pathogen, infecting approximately 400 million individuals per year and causing symptomatic disease in approximately 100 million. A distinct feature of dengue is the increased risk for severe disease in some individuals with preexisting DENV-specific immunity. In this talk, Dr. Waickman will present his group's recent work on unconventional and non-neutralizing antibodies in dengue and their potential contribution to immunity and pathogenesis.

**Biography** Dr. Adam Waickman, PhD is an Assistant Professor in the Department of Microbiology and Immunology and Laboratory Director at the Institute for Global Health and Translational Sciences at SUNY Upstate Medical University in Syracuse, NY, USA. His group focuses on understanding how the interactions between infectious organisms and the human immune system result in pathogenesis and/or durable immunity with a specific focus on human challenge models of dengue virus infection.

For further info pls visit : <https://www.waickmanlab.com/our-team>

**Research interests**

- Human challenge models of dengue virus infection.
- Study of viral pathogens, using "next generation" technologies such as single cell RNA sequencing, multi-parametric flow cytometry, and computational modeling.

**E-mail** waickmaa@upstate.edu