

# Yale SCHOOL OF PUBLIC HEALTH

## *Epidemiology of Microbial Diseases*

### EMD Seminar Series

**Ruth Montgomery, PhD**

**Professor**

**Director, Yale CyTOF Facility**

**Associate Dean for Scientific Affairs**

**Yale School of Medicine**

## **“Systems Immunology of Flavivirus Infections: Understanding Divergent Clinical Outcomes”**

Ruth Montgomery is a cellular immunologist with particular expertise in use of novel technology for human translational studies. Her research employs systems wide studies to identify individual differences in immune responses that lead to divergent outcomes to infection. Her group focuses on effects of aging on innate immunity and individual variation influencing susceptibility to West Nile, dengue, and Zika viruses, among others. She has overseen studies of immune responsiveness in human cohorts with successful enrollment of >1800 healthy individuals. Dr. Montgomery’s work is notable for her use of primary human cells to demonstrate immune related mechanisms and illuminate potential avenues for therapeutic interventions. She is Director of the CyTOF facility, co-chair of the University Provost’s ITS Advisory Committee (ITSAC), and Associate Dean for Scientific Affairs.

12:00 PM Thursday, January 16, 2019

47 College Street, Room 106B

Host: N. Grubaugh

