

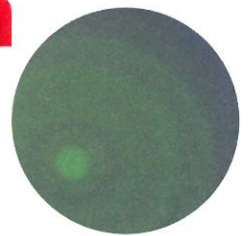
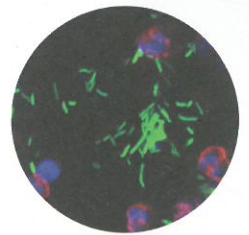
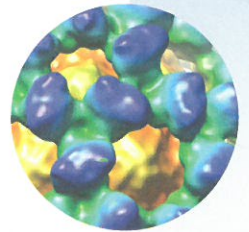
## Dissertation Announcement

A dissertation submitted in partial fulfillment of the requirements  
for the degree of Doctor of Philosophy Microbiology and Immunology  
The University of Michigan 2019

# Elisa D. Hughes

Thesis Advisor Michele Swanson, Ph.D.

## “A Cyclic di-GMP Two-Component System Contributes to *Legionella pneumophila* Differentiation and Resilience”



Thursday, July 25, 2019  
at 10:00 a.m.

5330 Medical Science I

Reception is at 2:00 p.m.  
5613 Micro library