



Thesis Defense

April 26, 2016; 3:00 PM

The Role of cyclic diguanylic acid (c-di-GMP), motility and hemagglutinin/protease secretion in *Vibrio cholerae* surface attachment and detachment

Loree Janelle Mewborn

MSBR Candidate

Under the direction of

Anisia Silva-Benitez, Ph.D.

Associate Professor in the

Department of Microbiology, Biochemistry and Immunology

In partial fulfillment of the requirements for the degree

Master of Science in Biomedical Research



Clinical Research Center, Multidisciplinary Research Center, Room G14



720 Westview Drive SW, Atlanta, GA 30310