

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS & SCIENCES

EXPERIMENTAL EVOLUTION OF VENOM RESISTANCE:  
A NEW PARADIGM IN TOXIN TARGET IDENTIFICATION

By  
MICAIAH J. WARD

A Dissertation submitted to the  
Department of Biological Science  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2020

Micaiah J. Ward defended this dissertation on May 4, 2020.  
The members of the supervisory committee were:

Darin Rokyta  
Professor Directing Dissertation

Jamila Horabin  
University Representative

Kimberly Hughes  
Committee Member

Leithen M’Gonigle  
Committee Member

Erdem Bangi  
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.