## FLORIDA STATE UNIVERSITY COLLEGE OF ARTS AND SCIENCES

## MICROFLUIDIC PLATFORMS FOR EVALUATION OF ISLET FUNCTION

## By

## WEIJIA LENG

A Dissertation submitted to the Department of Chemistry and Biochemistry in partial fulfillment of the requirements for the degree of Doctor of Philosophy Weijia Leng defended this dissertation on July 7, 2020.

The members of the supervisory committee were:

Michael G. Roper

**Professor Directing Dissertation** 

Michael Blaber

University Representative

Alan G. Marshall

Committee Member

Hedi Mattoussi

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.