## FLORIDA STATE UNIVERSITY COLLEGE OF MEDICINE

## HIPPOCAMPAL-PREFRONTAL OSCILLATORY SIGNALING IN THE RAT BRAIN: SEXUAL DIMORPHISMS AND EFFECTS OF FEMALE ESTROUS STAGE

By

KRISTIN J. SCHOEPFER

A Dissertation submitted to the Department of Biomedical Sciences in partial fulfillment of the requirements for the degree of Doctor of Philosophy Kristin J. Schoepfer defended this dissertation on June 19, 2020.

The members of the supervisory committee were:

Mohamed Kabbaj

Professor Directing Dissertation

Wei Wu

University Representative

Jamila I. Horabin

Committee Member

Aaron A. Wilber

Committee Member

Yi Zhou

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.