



February 1, 2023

Dr. Yong Zhu, Ph.D.
Associate Professor
Yale School of Public Health
Yale Cancer Center
60 College Street
New Haven, CT 06520
Email: yong.zhu@yale.edu

RE: R01 Application "**Impact of maternal circadian disruption during pregnancy on newborns**"

Dear Dr. Zhu:

I am excited about your proposed R01 grant application " Impact of maternal circadian disruption during pregnancy on newborns". The Connecticut Nurses Association is the state constituent member of the American Nurses Association and supports nurses across all specialties and practice environments in legislative advocacy and ongoing professional development.

I look forward to the start of your R01 project, which aims to investigate adverse impacts of maternal circadian disruption during pregnancy on newborn. Shift workers, including nurses, are known to suffer increased risk for an array of maladies including poor sleep, cardiovascular disease, gastrointestinal disorders, obesity, and diabetes. However, few previous studies so far have investigated epigenetic and genetic consequences of maternal circadian disruption during pregnancy.

I will connect your study team to the specialty nurse organizations and Boards to share your research and participation guidelines. The specialty organization represents 12 specialty nurse groups in the state. Nurses work in diverse specialty areas and practice settings including hospital, long term care, community-based care and acute care as well. I will also help you to obtain permission from the Board of Connecticut Nurses Association to share your research participation request to our weekly newsletter that reaches >60, 000 nurses licensed (some may not be currently employed) in Connecticut.

I look forward to working with your study team on this important and timely project and to contributing to its success.

Sincerely,

Kimberly Sandor, MSN, RN, FNP
Executive Director