

## **UF Pepper Center**

### **RC5 – Circadian Rhythms Research Core Services**

The core services include the following resources for mouse systems physiology:

- ❖ Mouse activity with 24/7 monitoring and data capture
- ❖ Automated, computer-controlled feeding hoppers to monitor and/or control temporal feeding
- ❖ Mouse cages for metabolic analysis including resting metabolic rate, oxygen consumption and RER measures
- ❖ Non-invasive analysis of mouse sleep parameters
- ❖ Statistical support for analysis of circadian data from rodents and humans
- ❖ Support for the sample preparation, experimental design and guidance for analysis of multi-omics data