### 2018-2019 Clock meeting series
*All meetings are Monday, 4-5 pm*

<table>
<thead>
<tr>
<th>Date</th>
<th>Presenters</th>
<th>Location</th>
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<tbody>
<tr>
<td>Sept 24</td>
<td><strong>Franz Weber:</strong> “Circuits and function of REM sleep”</td>
<td>SCTR 10-146</td>
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| Oct 22     | **Sarah Reitz** (Kelz Lab): “Investigating the role of sleep-promoting neurons in isoflurane-induced unconsciousness”  
**Jennifer Tudor** (St. Joseph’s Univ.): “Sleep-dependent regulation of protein synthesis and its effect on memory” | SCTR 10-146            |
| Nov 26     | **Lisa Bottalico** (Weljie Lab): “Hanging in the Balance: Systems Level Perturbations to the Chronometabolome by Endocrine Disrupting Compounds”  
**Alex Proekt:** “Recovery of consciousness after anesthesia” | SCTR 10-146            |
| Dec 10     | **Kristen Davis** (Raizen Lab): “Beauty sleep: Skin collagens regulate sleep in response to cell stress in *C. elegans*”  
**Yool Lee** (Sehgal Lab): “Circadian Dysregulation of G1/S Cell Cycle Progression Impacts Cancer Cell Proliferation and Time-dependent Sensitivity to Anti-Cancer Drug” | SCTR 10-146            |
| Jan 7, 2019| **Sigrid Veasey:** “Chronic Short Sleep Brain Injury: Implications for Aging and Neurodegeneration”  
**Marine Adlanmerini** (Lazar Lab): “Circadian lipid synthesis in brown fat maintains body temperature during chronic cold” | SCTR 10-146            |
| Feb 11     | **Sean Anderson** (FitzGerald Lab): “Sex-specific effects of circadian misalignment on the development of metabolic syndrome in mice”  
**Shampa Chatterjee:** “Inflammation induced disruption in Circadian Rhythm in Pulmonary Endothelium is modulated via Reactive Oxygen Species” | SCTR 10-146            |
| March 18   | **Arzu Öztürk Çolak** (Koh Lab, Thomas Jefferson Univ): “Sleep induction by sensory stimulation”  
**Dania Malik** (Weljie Lab): “Investigating interactions of sleep and circadian rhythms on metabolism and the importance of metabolic tracing” | SCTR 10-146            |
| April 15   | **Christoph Thaiss:** “Microbiome clocks in metabolic disease”  
**Elaine Boland** (VA Medical Center): “Social rhythms and chronotype in depression” | SCTR 10-146            |
| May 13     | **Carsten Skarke:** “Extending our remote sensing capabilities to study the human chronobiome”  
**Leszek Kubin:** “Network insights from the timing and coincidence of phasic twitches in postural and orofacial muscles during the “atonia” of REM sleep” | SCTR 10-146            |
| June 17    | **Natalie Gong** (Kayser Lab)  
**Mathias Basner:** “Sleep and exercise: Two healthy behaviors competing for time” | TBA                    |

Contact Julie Williams (jwillia3@pennmedicine.upenn.edu) for more information.