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

<table>
<thead>
<tr>
<th>Date</th>
<th>Presenters</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sept 24</td>
<td><strong>Franz Weber</strong>: “Circuits and function of REM sleep”</td>
<td>SCTR 10-146</td>
</tr>
</tbody>
</table>
| 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**  
**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](mailto:jwillia3@pennmedicine.upenn.edu)) for more information.