

**Presenter:** Tongtong Wang, Oka lab

**Poster title:** Selective sympathetic innervation for modulating physiology

**Abstract:** The autonomic nervous system orchestrates the brain and body functions through the sympathetic and parasympathetic pathways. Here, we investigated the cellular composition of the major sympathetic ganglia. Based on the identified neuron classes, we used genetic tracing approach to directly map neuron-to-organ connection. Our transcriptomic, anatomical and functional analyses imply a function-specific organization of the descending pathways.