

## **Neurobiology of Spatial Disorientation: Insights from Developmental and Neurodegenerative Disorders**

Abstract: The seminar will discuss our ability to navigate from one location to another and the loss of this capacity in neurodegenerative disorders such as Alzheimer's disease, a behavior that is often referred to as "disorientation" or "wandering". I will discuss research from my laboratory describing the neurobiological changes corresponding to spatial disorientation in Alzheimer's disease, and in other neurodevelopment disorders.