

大学院特別講義のご案内

- ◆ 日時 : 2019年11月7日 (木) 17:15~18 : 45
- ◆ 場所 : D棟2階 中会議室
- ◆ 講師 : Dr. Alan C. Spector, PhD (Distinguished Research Professor)
Department of Psychology and Program in Neuroscience, Florida State University, USA
- ◆ 演題 : The Assessment of Taste Function in Rodent Models After Manipulations in the Peripheral Gustatory and Olfactory Systems and After Gastric Bypass.
- ◆ 要旨 : Rodents have been the animal model of choice for the scientific investigation of the functional properties and underlying neural mechanisms of the gustatory system. Behavioral and psychophysical analyses are part and parcel of such efforts allowing neurobiological processes to be linked to functional outcomes. This talk will review how behavioral techniques coupled with manipulations of the peripheral gustatory system have been applied to probe the properties of maltodextrin taste and how they have revealed that disconnection of the olfactory bulbs from the rest of the brain alters taste-guided responsiveness to highly preferred, but not aversive, stimuli. Finally, some of the effects of gastric bypass on taste-guided behavior, caloric intake, and food selection will be examined.