

Brian Hansen

Challenges and advantages of awake mouse MRI

Anesthesia is known to perturb many aspects of brain physiology. Consequently, some aspects of brain function are best studied in the awake state. This is particularly true for studies aiming to elucidate the interplay between glymphatic clearance and sleep. In my talk I will provide an overview of awake mouse MRI, its challenges and applications in diffusion MRI, fMRI, and spectroscopy