

Connectomic, Image-Guided, Robot-Navigated TMS for PTSD and Other Psychopathologies

Abstract:

In this talk, Professor Fox would address (1) network modeling of mental disorders based on structural and function MRI including functional connectivity, (2) extension of the Network Degeneration Hypothesis (NDH) from dementing disorders to psychiatric and non-dementing neurological disorders, (3) personalized treatment planning based on 1 and 2, (4) results of a clinical trial applying 1, 2, and 3, and (5) how to extend this strategy to other psychopathologies and neurodegenerations.