

NARRATIVE – PROJECT 3 – BIOMARKERS OF HUMAN EPILEPTOGENESIS AFTER TRAUMATIC BRAIN INJURY

This Project is aimed at understanding and evaluating post-traumatic epilepsy, a serious health problem that accounts for 5% of all epilepsy worldwide. We propose to study a sizeable patient population known to be susceptible to such epilepsy, and assess them over time. Through this process, in close concert with basic science researchers targeting the identical issues, we aim to provide the complete scientific basis across multiple physiological, neurological, neurochemical and neuroimaging parameters for design and execution of a future clinical trial by a highly trained and well-equipped consortium of neuroscience specialists.