

FY20 ERP Survey Questions

Note: For Informational Purposes Only. Please register on eBRAP.org to participate in future surveys.

PTE Animal Models:

- 1) At what point should a small animal model finding be revisited in a larger animal model? Is validation in a larger animal model a valuable step ahead of a human study?
- 2) What types of study design challenges are faced by PTE animal model researchers?
- 3) How/When do we advance TBI/Post-Traumatic Epilepsy (PTE) animal models for focal injuries?
- 4) How/When do we advance TBI/PTE animal models for diffuse injuries?
- 5) What types of basic research innovations are needed to understand how TBI-related seizure activity becomes PTE?
- 6) What types of translational research innovations are needed to understand how TBI-related seizure activity becomes PTE?

Seizure Phenotypes:

- 1) Will there ever be a PTE seizure phenotype? Are there tools that will enable characterization of a PTE seizure phenotype?
- 2) How are mood, cognitive difficulties and Post-Traumatic Stress Disorder (PTSD) related to seizure phenotypes?
- 3) What types of confounders may mask a PTE seizure phenotype? Please indicate if this a basic, translational, or clinical research confounder.

- 4) What other types of study outcomes would help the ERP understand seizure phenotypes?

Prevention and Quality of Life:

- 1) What pre-clinical or translational strategies are available to address (e. g. prevent) acute TBI seizure activity before it becomes chronic PTE?
- 2) How should quality of life concerns of those impacted by PTE and caregivers be assessed?
- 3) In addition to mood (depression), cognitive difficulties and PTSD, what would be important quality of life measures to assess?
- 4) What caregiving tactics are working for military families affected by PTE?