



## Novel Strategies for the Chronic Traumatic Encephalopathy

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (10 December 2018)**

### Message from the Guest Editor

Dear Colleagues,

Chronic Traumatic Encephalopathy (CTE) was first described as the “punch drunk syndrome” that affected some boxers almost a century ago. Currently, CTE is defined as a neurodegenerative disease associated with repeated mild traumatic brain injury (TBI) or a single moderate or severe TBI. Over the past few decades, the understanding of the neuropathology of CTE has been growing. It’s time to focus on novel diagnostic and therapeutic strategies for CTE. It’s been suggested that CTE’s neuropathology includes p-tau, amyloid  $\beta$  ( $A\beta$ ), and TDP-43; chronic neuroinflammation; axonal degeneration; degradation of white matter; and neuronal loss, in which the tau pathology is more specific, with less conflict between the studies. Even so, the complex pathology to the clinical presentations of CTE remains to be expanded and established.

The Special Issue aims to solicit novel contributions to the current difficulties of improving diagnosis, prevention, and treatment of CTE, by also seeking manuscripts on its further pathologies and molecular and cellular regulations for CTE.

Dr. Jian Shi  
*Guest Editor*



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