Special Issue

Prevention and Intervention for Neonatal Brain Injury

Message from the Guest Editor

Neonatal brain injury is a significant problem in term and preterm infants. There are a number of known risk factors for neonatal brain injury. However, preventing and treating injury during the dynamic process of brain assembly presents unique challenges for preclinical researchers and the development of therapeutic interventions. Despite the challenges, in recent years both molecular and behavioral intervention approaches have shown promise for improving neuropathological and/or behavioral disorders linked to neonatal brain injury. This Special Issue is seeking submissions from authors investigating prevention and/or intervention approaches in translational model organisms or human clinical research. Submissions are encouraged from researchers studying immunological and other molecular therapeutics, to those evaluating early behavioral intervention approaches designed to promote plasticity and/or mitigate cognitive/behavioral impairments later in life. Our aim is to assemble an issue that incorporates diverse preclinical and clinical approaches to prevention and intervention for neonatal brain injury.

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2019)

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