

# Current Stem Cell Research & Therapy

## Overviews on Current Stem Cell Research for Neurological Therapy

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### **Description:**

Each system within an organism has an exclusive purpose and performs a specific need, in which physiological adaptations and reactions take place. As an example, the nervous system, which is undoubtedly the most complex system in the mammalian species, composed of neurons, synapses and important specialized supporting cells to permit and maintain appropriate signaling of neurotransmission, performs numerous roles epitomized by initiating and regulating the contraction or relaxation of muscles - permitting coordinated movement and the whole-body to function. Overall, the role of the central nervous system is to control body function in an organized, well-orchestrated manner; maintaining homeostasis in the face of multiple environmental changes. The purpose of this special issue is to shed light on the current state of the wide range of neurological stem cells research for therapeutic purpose.

### **Proposal Keywords:**

Alzheimer' Disease; Stem Cell; Research; Neurological disorders; Therapy; Biochemistry; Biophysics; Cell biology; Endocrinology; Immunology; Genetic; Molecular; Neuroinformatics; Pharmacology; Physiology; Proteomics; Psychology; Parkinson disorder

### **Schedule:**

Abstract Submission to Guest Editors Deadline: 31 January 2018

Manuscript Submission to Guest Editors Deadline: 31 April 2018