

# CALL FOR PAPERS

## *Journal of Neuroscience and Neuroengineering*

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*A Special Issue on*

### **Restorative Neuroengineering: Cutting Edge of Functional Motor Recovery**

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#### **Aims and Scope**

Motor functional recovery after brain and spinal cord injury is an unique area of research in neuroscience, with an active interaction between basic and clinical studies. Many provocative concepts based on advances basic neuroscience are being pursued in the clinical setting. Some have translated into potentially useful treatments in human patients, while others have not. In fact, there is a disparity between findings from basic neuroscience and their clinical application. To bridge these gaps, multi-disciplinary approaches with neuroengineering will be critical. The aim of this special issue is to highlight these issues related to motor functional recovery. It will focus on new neuro-rehabilitation interventions, applications of neuro-engineering techniques, reports of the clinical application of new technologies and related topics. Reports in this Special Issue will provide insights into novel ways in which restorative neuroengineering can bridge the gap between basic and clinical neuroscience.

#### **Research Topics Covered**

Potential topics include (but not limited to): mechanisms of functional motor recovery, innovation in functional motor recovery, iPS-cell-technology in motor recovery, neuro-rehabilitation in motor recovery, restorative neuroscience, functional recovery in stroke patients.

#### **Manuscript Submission**

Manuscripts must be prepared according to Journal's guidelines, see "**Instructions for Authors**" available at <http://www.aspbs.com/insne>. Authors should submit manuscript in a single ZIP file format online to the Manuscript Tracking System (<http://mstracker.com/submit1.php?ic=insne>). This ZIP file includes 1) **Cover letter with highlighted for a special issue**, 2) A manuscript file and 3) Copyright of your manuscript. Any submission without the above three needed materials, will be rejected directly.

#### **Deadlines**

Manuscript Due Date: **Oct 20, 2014**

Notification to Authors: **Dec 20, 2014**

Publication Date: **Coming issue**