

Editor's Note



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Welcome to this issue of the Journal of Neurology & Neurophysiology, a translational research journal. The journal is being well received by the clinical and translational research community, and we sincerely thank all authors for their valuable scientific contribution to the journal. All articles undergo the peer review process by the editorial board and by international reviewers, and only the select articles that meet specific criteria are published in the open-access journal.

This issue disseminates a diversity of neurology themes addressing important aspects of therapy development and use, biomarkers, and neurological disease progression. Some of the articles focus on important technical aspects of the therapeutic process and optimizing use in humans, while others address basic and translational aspects of neurological diseases and methods to develop therapies.

- This issue has a number of important articles related to non-invasive or invasive brain stimulation methods (tDCS, DBS, TMS) to modulate brain activity processes in a variety of neurological conditions from drug addiction to dystonia to epilepsy and finally schizophrenia. ***Brain stimulation methods have great utility in the treatment of neurological conditions.***
- A clinical stroke article points to the importance of tight glycemic control and potential use of HbA1c as a marker to predict the severity of outcome following a stroke in diabetic stroke patients. ***Glycemic control is important in all stroke patients undergoing thrombolytic therapy, endovascular procedures or novel therapeutic interventions.***
- A traumatic brain injury article addresses possible biomarkers to be studied and used to follow the progress of neurological injury. ***New biomarkers will have great utility in the diagnosis and treatment of traumatic sports injuries as well as war-related and motor vehicle injuries.***

You will note from the reading of this issue of the Journal of Neurology & Neurophysiology that each peer-reviewed published article from international investigators documents an important research finding in neurology, neurophysiology and neurosurgery. I trust you will be enlightened and stimulated by discovering the research potential published in this issue. The articles are meant to enhance and broaden your knowledge of research conducted by the international community.

To that end, I invite your dedicated attention to analyzing and interpreting the science presented in this issue of the Journal of Neurology & Neurophysiology, and invite you to submit your own original scientific articles, review articles, case reports or commentaries for peer-review to be published in future issues of the journal.

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