

BRAIN STIMULATION

Basic, Translational, and Clinical Research in Neuromodulation

Aims and Scope.

BRAIN STIMULATION aims to be the premiere journal for publication of original research in the field of neuromodulation. The purview extends across the entire field of brain stimulation, including noninvasive and invasive techniques, and technologies that alter brain function through the use of electrical, magnetic, radiowave, or focally targeted pharmacological stimulation. *BRAIN STIMULATION* encourages manuscripts describing the effects of brain stimulation on basic processes, such as gene expression and other aspects of molecular biology, neurochemical regulation, functional brain activity, sensorimotor function, or cognitive and affective processes at the systems level. Likewise, *BRAIN STIMULATION* seeks the highest level of research on the biophysics and biopsychophysics of stimulation paradigms, as well as the use of these techniques as a probe to outline patterns of neural connectivity. As an equal partner with this basic emphasis, the journal encourages a strong representation of research on the therapeutic potential and adverse effects of the stimulation technologies. The editors encourage clinical manuscripts not only describing clinical trials, but also conceptual pieces, discussions of ethics as they pertain to this field, or services research.

All manuscripts must be submitted to *BRAIN STIMULATION: Basic, Translational, and Clinical Research in Neuromodulation* via our online manuscript submission and peer review system at <http://ees.elsevier.com/brs>. We regret we cannot consider manuscripts submitted outside of this system.

Except where explicitly stated otherwise, *BRAIN STIMULATION* conforms to the guidelines set forth by the International Committee of Medical Journal Editors (ICMJE) (see Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication (February 2006): available at <http://www.ICMJE.org>).

All manuscripts considered suitable for the Journal are strictly refereed. Articles are accepted with the understanding that they are original contributions submitted solely to *BRAIN STIMULATION* and are not under consideration for publication elsewhere. Prior presentation of abstracts at meetings regarding the research is acceptable, but the abstract should be noted on the title page. Original research (including clinical reports and review articles), techniques and methods, brief communications (including relevant preliminary research reports) and letters to the editor may be submitted. Please conform to the following guidelines for each article type (word limits include the abstract and body text and do not include the references):

Original Research

(includes clinical reports, review articles)

- 4,000 word limit
- Abstract of up to 250 words (see formatting requirement for abstracts below)

Techniques and Methods

(feature new, improved, or noteworthy comments about brain stimulation techniques or methods)

- 1,500 word limit
- 150 word unstructured abstract
- maximum 2 figures

Short Communication

- 1,000 word limit
- 150 word unstructured abstract
- 1 figure or table

Letter to the Editor

- 1,000 word limit
 - maximum of 10 references
 - maximum 1 table
 - Subject to editing according to space limitations
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Information for authors continued on page A7

Editorials are written by invitation only. Please contact the Editorial Office directly if you want to write an editorial.

Editorial changes necessary to improve clarity and conformity to journal style may be made without prior consultation with authors. Any editorial changes, however, will be subject to author's review prior to publication.

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2. Manuscript (including title page, abstract, main text, acknowledgements, conflicts of interest, table and figure legends and references all as one document)
3. Tables and/or figures
4. Ancillary information not intended for full publication, but available for reviewers and highly interested readers. This information may be posted on the *BRAIN STIMULATION* website. Examples include additional lengthy tables, in-depth photographs of scientific methods, or short videos of scientific techniques or behavioral effects of stimulation.

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Background: This is a concise statement of why this research was done, placing it in the context of current knowledge or controversies.

Objective/Hypothesis: This is a clear statement of the precise objective or question addressed in the paper. If a hypothesis was tested, it should be stated.

Methods: The basic design of the study and its duration should be described. The methods used should be stated and the statistical data/methods provided.

Results: The main results of the study should be given in narrative form. Any measurements or other information that may require explanation should be defined. Any important information not included in the presentation of

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Conclusion(s): of the study that are directly supported by the evidence reported should be given along with the clinical application, and speculation about the potential impact on current thinking.

The main body of the manuscript is next in the document, generally following the format of Introduction/background, Hypothesis, Methods, Results, and Discussion.

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Reference Samples:

Journal:

1. Nahas Z, Teneback C, Chae JH, Mu Q, Molnar C, Kozel FA, et al. Serial Vagus Nerve Stimulation Functional MRI (VNS/fMRI) in Treatment Resistant Depression. *Neuropsychopharmacology* 2007;32: 1-12. Periodical abbreviations should follow those used in Index Medicus.

Book:

2. George MS, Belmaker RH. TMS in Clinical Psychiatry. Washington, DC: American Psychiatric Press, 2006.

Edited book:

George MS, Nahas Z, Bohning DE, Kozel FA, Anderson B, Mu C, et al. Vagus Nerve Stimulation and Deep BRAIN STIMULATION. In: Stein DJ, Kupfer DJ, Schatzberg AF, editors. *Textbook of Mood Disorders*. Washington, DC: APPI; 2005. p. 337-349.

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