

Guidelines for Authors

I. GENERAL INFORMATION

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Contact

In case of any query, please, feel free to contact:
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Aims and scopes

Sleep Spindles & Cortical Up States (SSCUS) is an open-access, peer-reviewed, multidisciplinary journal publishing research on all aspects of sleep spindles and/or cortical as well as thalamic up/down states. We are dedicated to promoting methodologically solid science and eliminating publication bias. Therefore, in our editorial decisions the methodological quality of your research takes precedence over how strong or novel your results are. In line with this editorial philosophy, our journal welcomes non-significant results and replication attempts, as long as research was conducted with convincing statistical power and sound methodology.

Publication types

Original research reports, (mini)reviews, systematic reviews and meta-analyses, methodological papers, databases, protocols, software, case studies, letters to the editor, notes, and commentaries are welcome. We aim to publish supplementary files of all types, including raw data, images, videos, software codes, etc.

Topics

Manuscripts on all aspects of sleep spindling and/or the (sub)cortical up/down states of the slow oscillation as measured during natural sleep, general anaesthesia (in both experimental and clinical settings), as well as disorders of consciousness (like coma, minimally conscious state, etc) are welcome. Examples: the non-invasive and invasive electrophysiology and psychophysiology of sleep spindles and/or cortical up/down states (EEG, MEG, intracranial EEG, ECoG, micro-electrode-recordings, autonomic correlates); molecular, cellular and network mechanisms of sleep spindle and/or up/down state regulation; functional and structural neuroimaging of sleep spindles and/or up/down states (PET, MRI, fMRI, DTI); pharmacology of sleep spindles and/or up/down states; hormonal effects on sleep spindles-up/down states; cognitive and behavioural aspects of sleep spindles and/or up/down states (including sensory processing during sleep, anaesthesia or disorders of consciousness, off-line memory consolidation/reorganization, sleep mentation/dreaming, correlative evidence for trait-like behavioural, cognitive, personality aspects); the association between sleep microstructure (micro-arousals) and spindles/up-down states; the role of spindles and/or up/down states in clinical disorders such as sleep disorders, neurological disorders, psychiatric disorders, or neurodevelopmental disorders; the association between sleep spindle and/or cortical up/down state alterations and psychopathology, developmental and aging as

reflected in age-dependent changes in sleep spindles and/or up/down states; sleep spindles-up/down states and sleep regulation; mathematical and computer modelling of spindle rhythmogenesis; the relationship between alpha waves/mu rhythms and sleep spindles; signal processing methods for the deliberate analysis of sleep spindles-up/down states; evolutionary/comparative studies on sleep spindles and/or up/down states, etc.

Peer-review

We are committed to thorough, substantive and fast review of the manuscripts. In line with our editorial philosophy reviewers are required to eliminate the subjective assessments of significance or scope and focus on technical, ethical and scientific rigor instead. In order to ensure rapid publication, the first review of the manuscripts is ensured within 4 weeks after submission.

Conditions of submission & copyright issues

Authors should submit their manuscripts using the online manuscript submission and peer review system, Open Journal System (OJS). Please, consult the following link when submitting a manuscript: <http://submit.akademai.com/sscus>. Submission of a paper to *Sleep Spindles & Cortical Up States* will be taken to imply that it represents original work not previously published (exceptions are conference abstracts and theses/dissertations) and it is not being considered elsewhere for publication. *Sleep Spindles & Cortical Up States* is fully compliant with Creative Common Attribution licence. The copyright of the published materials is retained by the authors. All papers and published materials are freely accessible without subscription and can be uploaded into repositories. All published material can be freely reused if the original reference of the paper is properly cited. A copy of the *License Agreement* will be sent to the authors of the papers accepted for publication. Manuscripts will be processed only after receiving the signed copy of the statement. For manuscripts accepted for publication in 2016 and 2017, Article Processing Charge (APC) will not be issued.

II. PREPARATION OF MANUSCRIPTS

You should submit a **single MS Word file (*.doc, *.docx, or *.rtf)** of your manuscript for the review process, containing the title, the names and affiliations of the authors, the abstract, up to 6 keywords, the text, as well as figures and tables embedded within the text. After acceptance you have to submit high resolution figures instead of the ones embedded in the text. For formatting of your submission, please download and use our template file:

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