Announcement: From January 2020 *Neuroimage* is an open access journal. Authors who publish in *Neuroimage* will be able make their work immediately, permanently, and freely accessible.

*Neuroimage* continues with the same aims and scope, editorial team, submission system and rigorous peer review.

*Neuroimage* authors will pay an article publishing charge (APC), have a choice of license options, and retain copyright to their published work. The APC will be requested after peer review and acceptance and will be required for all accepted articles submitted after the 13th of October 2019. The APC for *Neuroimage* will be US$ 3000 (excluding taxes).

**Please note:** Authors who have submitted papers before the 13th of October 2019 will have their accepted paper published in *Neuroimage* at no charge. Authors submitting papers after this date will be requested to pay the APC. For full information on publishing your paper open access in *Neuroimage*, visit the journal’s guide for authors, or visit our FAQs page.

*NeuroImage*, a Journal of Brain Function, provides a vehicle for communicating important advances in the use of neuroimaging to study structure-function and brain-behavior relationships. Though the emphasis is on the macroscopic level of human brain organization, meso-and microscopic neuroimaging across all species will be considered if they provide advances that are of relevance to a systems-level understanding of the human brain.

The main criterion on which papers are judged for *NeuroImage*, is to what extent the scientific contribution helps advance our understanding of brain function, organization, and structure. *NeuroImage*, also welcomes papers that explicitly address these questions in animal models or clinical populations. Papers that do not contain significant methodological development, and whose major contribution is to use imaging to advance the understanding of pathology, abnormal development, use of biomarkers or other questions of clinical utility should be referred to *NeuroImage: Clinical*.

*NeuroImage*, publishes original research articles, papers on methods, models of brain function, as well as positions on contentious issues. The journal strives to incorporate theoretical and technological innovations and is committed to publishing the highest quality papers in both print and electronic media. The editors and the editorial board members come from highly diverse specialties, reflecting the fact that imaging neuroscience is a multi-disciplinary science.
Submitted papers will generally be considered under eight general themes. However, papers with the above criteria that do not easily fit into any of the below themes will also be handled by an editor with the appropriate expertise.

- Analysis Methods
- Functional MRI Acquisition and Physics
- Computational Modeling and Analysis
- Anatomy and Physiology
- Cognition and Aging
- Social Neuroscience
- Systems and molecule neuroimaging
- Communication, Language, and Learning

NeuroImage has two open access companion titles: NeuroImage: Clinical NeuroImage: Reports

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We now differentiate between the requirements for new and revised submissions. You may choose to submit your manuscript as a single Word or PDF file to be used in the refereeing process. Only when your paper is at the revision stage, will you be requested to put your paper in to a 'correct format' for acceptance and provide the items required for the publication of your article.

To find out more, please visit the Preparation section below.

Submission checklist
You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

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• Disclosure of competing interests or affirmative statement that there are none.
• Referee suggestions and contact details. See below to ensure that your suggested reviewers do not have a conflict of interest; serious violations may result in a paper being rejected without external review. Please also indicate if the paper is being submitted through the Neuroscience Peer Review Consortium and you would like to request the same reviewers.

Further considerations
• Manuscript should be 'spell checked' and 'grammar checked'
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• Journal policies detailed in this guide should be reviewed prior to manuscript preparation and submission
• All manuscripts submitted to NeuroImage are screened via plagiarism detection software. Consideration should be given when writing Methods sections in particular. If your methods closely follow those of a prior paper and you wish to re-use the same text for clarity, this should be explicitly stated at the beginning of the relevant portion of text

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For transparency, we encourage authors to submit an author statement file outlining their individual contributions to the paper using the relevant CRediT roles: Conceptualization; Data curation; Formal analysis; Funding acquisition; Investigation; Methodology; Project administration; Resources; Software; Supervision; Validation; Visualization; Roles/Writing - original draft; Writing - review & editing. Authorship statements should be formatted with the names of authors first and CRediT role(s) following. More details and an example

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For further information on data sharing, see "Research data" section below, including possible reporting of research data via Data in Brief.
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For ToolBox and Software papers, code must be made available to the Reviewers, via a suitable means, at the time of submission (see further details below).

This statement will appear in the Methods section of the paper and separately with your published article on ScienceDirect information. For more information, visit the Data Statement page.

TYPES OF PAPERS

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Communicating original research papers form the core objective of NeuroImage. Such papers must lie within the journal's scope and strive for the highest standards of innovation, significance, technical accuracy and reproducibility. For further information, see the journal home-page.

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NeuroImage publishes review papers that address and synthesize research areas of outstanding current interest that lie within the scope of the journal. Such papers are usually invited but submitted reviews may be considered. If you plan to submit a review, we encourage you to contact the Editor-in-Chief or a Senior Editor with the relevant expertise, outlining the rationale, intended scope and novelty of the proposed review, prior to submission. Review papers should provide an authoritative and critical perspective. Review papers that are restricted to literature reviews, without broader interpretation and integration, are unlikely to fare well in editorial or peer review.

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available at the time of submission, so that Reviewers can test the software and potentially inspect the code. Sample data should be made available, sufficient for replication of all demonstrations of the software that are provided within the manuscript.

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NEW! Registered reports (click here for more details). These submissions undergo a two-phase review process in which study rationale and methodology are considered prior to the research being undertaken.

**Technical Notes**

Technical notes are brief reports that focus on specific methodological developments of an experimental, computational or analytic nature. They should be concise, focused on a specific technical issue and brief (~3000 words and 5 or fewer figures). Nonetheless they should report an innovative technical development of broad significance to the neuroimaging community. Technical notes should include empirical testing or validation of the core technique.

If this technical note focuses exclusively on the communication of a toolbox or software development, then it should be submitted as a Toolbox paper for which code and sample data availability are a prerequisite at the time of submission (see above). Papers of a software/toolbox nature but submitted as a technical note without code and sample data will be triaged without peer review.

**EDITORIAL AND PEER REVIEW PROCESS**

**Peer review**

This journal operates a single blind review process. All contributions will be initially assessed by the Editor for suitability for the journal. Papers deemed suitable are then typically sent to a minimum of two (and usually three) independent expert Reviewers to assess the scientific quality of the paper. The Editor is responsible for the final decision regarding acceptance or rejection of articles. The Editor's decision is final. More information on types of peer review.

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NeuroImage is a member of the Neuroscience Peer Review Consortium (NPRC). The NPRC has been formed to reduce the time expended and, in particular, the duplication of effort by, and associated burden on Reviewers involved in the peer review of original neuroscience research papers. It is an alliance of neuroscience journals that have agreed to accept manuscript reviews from other Consortium journals. By reducing the number of times that a manuscript is reviewed, the Consortium aims to reduce the load on Reviewers and Editors and speed the publication of research results.

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Editors may issue one of a number of decisions, in some cases without further external review. Papers that do not fit the journal's mission, competitiveness profile, preparation standards (including required components noted above), may be rejected or recommended for transfer to another journal.

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Regardless of the file format of the original submission, at revision you must provide us with an editable file of the entire article. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier). See also the section on Electronic artwork.

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Divide your article into clearly defined and numbered sections. Subsections should be numbered 1.1 (then 1.1.1, 1.1.2, ...), 1.2, etc. (the abstract is not included in section numbering). Use this numbering also for internal cross-referencing: do not just refer to 'the text'. Any subsection may be given a brief heading. Each heading should appear on its own separate line.

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Results should be clear and concise.

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The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

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Appendices can be employed for mathematical derivations or formulations that are important for the paper but are not the primary focus of the paper. Appendices are subject to peer review. If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.

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Highlights are mandatory for this journal. They consist of a short collection of bullet points that convey the core findings of the article and should be submitted in a separate editable file in the online submission system. Please use 'Highlights' in the file name and include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point). You can view example Highlights on our information site.

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Immediately after the abstract, provide a maximum of 6 keywords, using American spelling and avoiding general and plural terms and multiple concepts (avoid, for example, 'and', 'of'). Be sparing with abbreviations: only abbreviations firmly established in the field may be eligible. These keywords will be used for indexing purposes.

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Acknowledgements
Collate acknowledgements in a separate section at the end of the article before the references and do not, therefore, include them on the title page, as a footnote to the title or otherwise. List here those individuals who provided help during the research (e.g., providing language help, writing assistance or proof reading the article, etc.).

Formatting of funding sources
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