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DESCRIPTION

*Metabolism* promotes excellence in research by publishing high-quality original research papers, fast-tracking cutting-edge papers, research brief reports, mini-reviews, and other special articles related to all aspects of human *metabolism*. Work considered for publication in *Metabolism* includes studies in humans, animal and cellular models. Work with strong translational potential is prioritized. *Metabolism* will consider papers for publication in any aspect of translational and clinical metabolic research, including (but not limited to): Energy Expenditure and Obesity Metabolic Syndrome and Diabetes Nutrition, Exercise, and the Environment Genetics, Proteomics, and Metabolomics Carbohydrate, Lipid, and Protein Metabolism Endocrinology and Hypertension Mineral and Bone Metabolism Cardiovascular Diseases and Malignancies

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IMPACT FACTOR

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ABSTRACTING AND INDEXING

- Scopus
- PubMed/Medline
- Science Citation Index

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Editorial Office
GUIDE FOR AUTHORS

AIMS AND SCOPE

Metabolism promotes excellence in research by publishing high-quality original research papers, fast-tracking cutting-edge papers, brief reports, reviews, mini-reviews and meta-analyses, as well as editorials and commentaries related to all aspects of metabolism. Work considered for publication in Metabolism includes studies in humans, animal and cellular models. There is a special interest on randomized controlled trials and meta-analyses. Studies with strong translational potential is also prioritized.

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"STROBE" for Observational studies
"ARRIVE" for preclinical animal studies
"PRISMA" for Systematic reviews and meta-analyses of randomized controlled trials
"MOOSE" for Systematic reviews and meta-analyses of observational studies
"AGREE" for Clinical practice guidelines
"STARD" for diagnostic accuracy studies
"CARE" for case reports

Submission of the reporting guidelines checklists are not required for editorials, commentaries, narrative reviews, narrative min-reviews and letters to the Editor.

For further information about reporting guidelines, authors should visit the EQUATOR Network website, where an updated list of guidelines with links to articles and checklists is maintained.

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Original Research Papers describe original research findings. They should be no longer than 5000 words, excluding the title page, abstract, references, tables, and figure legends, but including the abbreviation list, acknowledgements, funding, disclosure statement, and author contributions. They should contain no more than 10 tables and figures combined and no more than 60 references. Their final accepted version should, in general, not exceed 8 printed journal pages; additional information may be included as a supplementary appendix, to be published online. There is a special interest on randomized controlled trials. Preregistration of randomized controlled trials is a prerequisite for the submission.

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Fast track publication is offered for concise studies of great novelty and broad interest to the readers of Metabolism. These manuscripts describe original research findings of exceptional novelty and importance, usually in a rapidly growing and competitive field. Submissions for Fast track publications will be peer-reviewed within 3 days of submission, after initial evaluation by the Editors and authors will be given up to 4 weeks for revisions; should these papers be accepted, articles will be published online within 4 weeks from acceptance and will appear in print in the next available issue of the journal. The quality of fast track publication must fall within the top 5 percent of all articles published in Metabolism. Fast track publications could either have the format of a brief report or a regular report. A brief report must be no longer than 15,000 characters (1,500 - 1,800 words), including spaces, 2 display items, and abstract but excluding references. Abstract is typically a single paragraph of fewer than 150 words. Fast track brief report allows up to 30 references. A fast track regular report allows
up to 4,000 words, up to 100 references and normally has no more than 5 display items. Additional supplementary information (figures/tables) is allowed, but the number of supplementary displays can be equal to or less than the total number of main text displays.

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These manuscripts describe the development of novel methodologies in the field of metabolic research, including significant refinements of well-established techniques. They should be concise but detailed enough so that the method can be readily reproduced. Methodologies utilizing proprietary, non-commercially available tools (whether by the authors themselves or an independent vendor) will not be considered. The requirements and review process are the same as for original research articles.

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There is a special interest on meta-analyses. These articles systematically find, select, critique, and synthesize evidence relevant to well-defined questions in metabolic research. Meta-analyses of randomized controlled trials should follow PRISMA reporting guidelines, whereas those of observational studies should follow MOOSE reporting guidelines. A relevant checklist should be uploaded as a supplementary appendix (please, see on equator network for the relevant checklist). The requirements and review process are the same as for original research articles. Additional information (including references to disqualified papers and study summary tables) should be included as a supplementary appendix, to be published online.

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These articles are usually but not necessarily solicited by the journal editors and concisely address a timely or controversial issue of importance to the journal's readership, usually in response to work that has been published in the journal (typically, they are published in the same issue). They should be unstructured (without headings) and should be no longer than 1500 words, excluding the title page, references, tables, and figure legends, but including the abbreviation list, acknowledgements, funding, and disclosure statement (if applicable); no abstract or author contributions are required. They should contain no more than 2 tables and figures combined and no more than 50 references. Their final accepted version should, in general, not exceed 2 printed journal pages; no additional information may be included. These articles are not pre-screened and are usually reviewed by members of the editorial board.
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Metabolism publishes several categories of articles; all submissions must conform to the journal's reporting and style requirements and must be written in standard scientific English language. New submissions, except for solicited articles (eg, mini-reviews, commentaries), will be initially evaluated in depth by the editorial team that will decide on the overall quality of the work and its suitability for Metabolism. Manuscripts that do not conform to the general criteria for publication will be returned to the authors without detailed review, typically within 14 days. This will facilitate prompt notification of authors and will allow expedited resubmission of the authors' work elsewhere. Otherwise, manuscripts will be sent for formal review immediately. The editorial board will make every effort to reach initial decision on these manuscripts within 4-6 weeks from the submission date. If revisions are a condition of publication, ~8 weeks will be provided to re-submit a revised version of the manuscript. Accepted manuscripts will generally be published no later than 4 months from acceptance. The journal does not require submission or publication charges.

Please direct any queries to the Editorial Office: metabolism@elsevier.com or to Andrew Miller, Executive Publisher at andrew.miller@elsevier.com

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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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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 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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It is important that the file be saved in the native format of the word processor used. The text should be in single-column format. Keep the layout of the text as simple as possible. Most formatting codes will be removed and replaced on processing the article. In particular, do not use the word processor's options to justify text or to hyphenate words. However, do use bold face, italics, subscripts,
superscripts etc. When preparing tables, if you are using a table grid, use only one grid for each individual table and not a grid for each row. If no grid is used, use tabs, not spaces, to align columns. The electronic text should be prepared in a way very similar to that of conventional manuscripts (see also the Guide to Publishing with Elsevier). Note that source files of figures, tables and text graphics will be required whether or not you embed your figures in the text. See also the section on Electronic artwork.

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Subdivision - numbered sections
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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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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Results
Results should be clear and concise.

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This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions
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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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 as they help increase the discoverability of your article via search engines. They consist of a short collection of bullet points that capture the novel results of your research as well as new methods that were used during the study (if any). Please have a look at the examples here: example Highlights.

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A structured abstract, by means of appropriate headings, should provide the context or background for the research and should state its purpose, basic procedures (selection of study subjects or laboratory animals, observational and analytical methods), main findings (giving specific effect sizes and their statistical significance, if possible), and principal conclusions. It should emphasize new and important aspects of the study or observations.

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**Acknowledgements**

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Please submit math equations as editable text and not as images. Present simple formulae in line with normal text where possible and use the solidus (/) instead of a horizontal line for small fractional terms, e.g., X/Y. In principle, variables are to be presented in italics. Powers of e are often more conveniently denoted by exp. Number consecutively any equations that have to be displayed separately from the text (if referred to explicitly in the text).

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- Aim to use the following fonts in your illustrations: Arial, Courier, Times New Roman, Symbol, or use fonts that look similar.
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