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INSTRUCTIONS FOR AUTHORS

MANUSCRIPT CATEGORIES

All manuscripts submitted to Molecular Imaging and Biology (*MIB*) must be original; i.e., not published elsewhere (except in abstract form) and not under consideration for publication elsewhere. *MIB* publishes Articles, Brief Articles, Rapid Communications, Reviews, Commentaries, and Letters to the Editor.

Articles are full accounts of significant research or clinical investigations. Articles should be definitive in their conclusions. Articles should have the following sections: Introduction, Materials and Methods, Results, Discussion, Conclusions, and References. An abstract describing the investigation must also accompany the article.

Brief Articles should have the same scientific quality and presentation format of full articles, but with more limited scope. Manuscripts should not be longer than four journal pages (16 double-spaced manuscript pages) including references, tables, and figures.

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Reviews are invited accounts on topics of current relevance and interest to the molecular imaging audience. Reviews are informative and critical accounts provided by a forum of experts to cover a variety of subjects in new, emerging areas in the field or at appropriate times to consolidate a body of research into a conceptual presentation.

Commentaries are invited accounts on topics of current significance in the field that could influence the scientific interests (new programmatic initiatives by NIH, NSF, DOE, Universities, and companies having a major impact on molecular imaging) or clinical practice (i.e., regulatory or clinical reimbursement) of the reader.

Letters to the Editor are encouraged on controversial research topics or to address current issues being addressed in the Commentaries.

Conference Proceedings and Conference Abstracts may also be accepted for publication following a recommendation from the Editor-in-Chief.

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Manuscripts should be typed double-spaced. A cover letter should accompany the manuscript, stating the manuscript category and its significance. Acronyms should be maintained to a minimum. When used, acronyms and other abbreviations should be first defined and then remain consistent throughout the manuscript. Names of compounds should follow established chemistry nomenclature (e.g., Chemical Abstracts Service or IUPAC; See Chemical Abstracts Index Guide). For example, for commonly used molecular imaging probes, such as FDG, names such as F-18 fluorodeoxyglucose and F-18 deoxyglucose are not acceptable. The appropriate name is 2-deoxy-2-[<sup>18</sup>F]fluoro-D-glucose.

**Abstracts, Keywords, and Short Title:** A structured abstract, not to exceed 150 words. The following four headings should be included: Purpose, Procedures, Results (most important findings), and Conclusions (emphasizing the new aspects of the study). Following the abstract, list up to 10 keywords or phrases for indexing. Please provide a shortened title for the running head.

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*Article Reference:*

1. Phelps, M.E. Positron emission tomography provides molecular imaging of biological processes. Proc. Natl. Acad. Sci. (USA) 97: 9226-9233, 2000.

*Book Reference:*

2. Qaim, S.M.; Clark, J.C.; Crouzel, C.; et al. PET radionuclide production. In: Stocklin, G., Pike, V. W., eds. Radiopharmaceuticals for positron emission tomography. Dordrecht: Kluwer Academic Publishers; 1993:1-43.

*SMRM Abstract and Proceeding Reference:*

3. Ponomarev, V.; Serganova, I; Ageyeva, L.; et al. A new reporter gene for multimodality imaging: xanthine phosphoribosyl transferase and red fluorescent protein fusion. J. Nucl. Med. 42: 70P, 2001 (Abstract).



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