Molecular Imaging and Radionuclide Therapy (formerly Turkish Journal of Nuclear Medicine) is the official publication of Turkish Society of Nuclear Medicine.

**Focus and Scope**

Molecular Imaging and Radionuclide Therapy (Mol Imaging Radionuc Ther, MIRT) is a double-blind peer-review journal published in English language. It publishes original research articles, reviews, editorials, short communications, letters, consensus statements, guidelines and case reports with a literature review on the topic, in the field of molecular imaging, multimodality imaging, nuclear medicine, radionuclide therapy, radiopharmacy, medical physics, dosimetry and radiobiology. MIRT is published three times a year (February, June, October). Audience: Nuclear medicine physicians, medical physicists, radiopharmaceutical scientists, radiobiologists.


Molecular Imaging and Radionuclide Therapy is indexed in Pubmed, Pubmed Central (PMC), TUBITAK-ULAKBIM, Gale/Cengage Learning, EBSCO databases, ProQuest Health & Medical Complete, CINAHL, DOAJ, Türkiye Atıf Dizini (Türkiye Citation Index), Turk Medline.

**Open Access Policy**

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Open Access Policy is based on rules of Budapest Open Access Initiative (BOAI) (http://www.budapestopenaccessinitiative.org/). By “open access” to [peer-reviewed research literature], we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited.

**Subscription Information**

Manuscripts can only be submitted electronically through the Journal Agent website (http://www.journalagent.com/mirt/?plng=eng) after creating an account. This system allows online submission and review.

All published volumes in full text can be reached free of charge through the website http://mirt.tsnmjournals.org.

**Instructions for Authors**

Instructions for authors are published in the journal and on the website http://mirt.tsnmjournals.org.

**Correspondence Address**

Editor in Chief, Hatice Durak, MD, Professor in Nuclear Medicine
Dokuz Eylül University Faculty of Medicine, Department of Nuclear Medicine
35340 Balçova / İZMİR
Phone: +90 212 621 99 25
Fax: +90 212 621 99 27
e-mail: haticedurak@tsnmjournals.org
Web: http://mirt.tsnmjournals.org

The journal is printed on an acid-free paper.

This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.
INSTRUCTIONS TO AUTHORS

MANUSCRIPT CATEGORIES

1. Original Articles

2. Short Communications are short descriptions of focused studies with important, but very straightforward results. These manuscripts should be no longer than 2000 words, and include no more than two figures and tables and 20 references.

3. Reviews address important topics in the field. Authors considering the submission of uninvited reviews should contact the editor in advance to determine if the topic that they propose is of current potential interest to the Journal. Reviews will be considered for publication only if they are written by authors who have at least three published manuscripts in the international peer reviewed journals and these studies should be cited in the review. Otherwise only invited reviews will be considered for peer review from qualified experts in the area.

4. Editorials are usually written by invitation of the editor by the editors on current topics or by the reviewers involved in the evaluation of a submitted manuscript and published concurrently with that manuscript.

5. Case Report and Literature Reviews are descriptions of a case or small number of cases revealing a previously undocumented disease process, a unique unreported manifestation or treatment of a known disease process, unique unreported complications of treatment regimens or novel and important insights into a condition’s pathogenesis, presentation, and/or management. The journal’s policy is to accept case reports only if accompanied by a review of the literature on the related topic. They should include an adequate number of images and figures.

6. Consensus Statements or Guidelines may be submitted by professional societies. All such submissions will be subjected to peer review, must be modifiable in response to criticisms, and will be published only if they meet the Journal’s usual editorial standards. These manuscripts should typically be no longer than 4000 words and include no more than six figures and tables and 120 references.

7. Letters to the Editor may be submitted in response to work that has been published in the Journal. Letters should be short commentaries related to specific points of agreement or disagreement with the published work. Letters should be no longer than 500 words with no more than five complete references, and may not include any figures or tables.

Note on Prior Publication

Articles are accepted for publication on the condition that they are original, and are not under consideration by another journal, or have not been previously published. Direct quotations, tables, or illustrations that have appeared in copyrighted material must be accompanied by written permission for their use from the copyright owner and authors. Materials previously published in whole or in part shall not be considered for publication. At the time of submission, authors must report that the manuscript has not been published elsewhere. Abstracts or posters displayed at scientific meetings need not be reported.

MANUSCRIPT SUBMISSION PROCEDURES

MIRT only accepts electronic manuscript submission at the web site www.mirt.tsnmjournals.org. After logging on to the website Click the ‘online manuscript submission’ icon. All corresponding authors should be provided with a password and a username after entering the information required. If you already have an account from a previous submission, enter your username and password to submit a new or revised manuscript. If you have forgotten your username and/or password, please send an e-mail to the editorial office for assistance. After logging on to the article submission system please read carefully the directions of the system to give all needed information and attach the manuscript, tables and figures and additional documents.
All Submissions Must Include:
1. Completed Copyright Assignment & Disclosure of Potential Conflict of Interest Form; This form should be downloaded from the website (provided in the author section), filled in thoroughly and uploaded to the website during the submission.
2. Informed consent (for case reports); Authors must complete the online submission forms. If you are unable to successfully upload the files please contact the editorial office by e-mail.

There is no submission fee for MIRT.

MANUSCRIPT PREPARATION

General Format

The Journal requires that all submissions be submitted according to these guidelines:

- Text should be double spaced with 2.5 cm margins on both sides using 12-point type in Times Roman font.
- All tables and figures must be placed after the text and must be labeled.
- Each section (abstract, text, references, tables, figures) should start on a separate page.
- Manuscripts should be prepared as a word document (*.doc) or rich text format (*.rtf).
- Please make the tables using the table function in Word.
- Abbreviations should be defined in parenthesis where the word is first mentioned and used consistently thereafter.
- Results should be expressed in metric units. Statistical analysis should be done accurately and with precision. Please consult a statistician if necessary.

Title Page

The title page should be a separate form from the main text and should include the following:

- Full title (in English and in Turkish) Turkish title will be provided by the editorial office for the authors who are not Turkish speakers.
- Authors' names and institutions.
- Short title of not more than 40 characters for page headings.
- At least three and maximum eight key words. (in English and in Turkish) Do not use abbreviations in the key words. Turkish key words will be provided by the editorial office for the authors who are not Turkish speakers. If you are not a native Turkish speaker, please re enter your English keywords to the area provided for the Turkish abstract.

Abstract

- Introduction
- Materials and Methods
- Results
- Discussion
- Study Limitations
- Conclusion

Acknowledgement: May be given for contributors who are not listed as authors, or for grant support of the research.

References: References should be cited in numerical order (in parentheses) in the text and listed in the same numerical order at the end of the manuscript on a separate page or pages. The author is responsible for the accuracy of references. Examples of the reference style are given below. Further examples will be found in the articles describing the Uniform Requirements for Manuscripts Submitted to Biomedical Journals (Ann Intern Med.1988; 208:258-265, Br Med J. 1988; 296:401-405). The titles of journals should be abbreviated according to the style used in the Index Medicus. Journal Articles and Abstracts: Surnames and initials of author’s name, title of the article, journal name, date, volume number, and pages. All authors should be listed regardless of number. The citation of unpublished papers, observations or personal communications is not permitted. Citing an abstract is not recommended.


Sample References


References:

Acknowledgement:

- Table
- Conclusion

For each table, provide a clear title and a concise description of the contents. Tables should be placed on separate pages within the manuscript.

- Figure Legends

Figure legends should be submitted on a separate page and should be clear and informative.
INSTRUCTIONS TO AUTHORS

1. The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).

2. The submission file is in Microsoft Word, RTF, or WordPerfect document file format. The text is double-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and the location for all illustrations, figures, and tables should be marked within the text at the appropriate points.

3. Where available, URLs for the references will be provided.

4. All authors should be listed in the references, regardless of the number.

5. The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines, which is found in About the Journal.

6. English keywords should be provided from http://www.nlm.nih.gov/mesh (Medical Subject Headings), while Turkish key words should be provided from http://www.bilimterimleri.com

7. The title page should be a separate document from the main text and should be uploaded separately.

8. The "Affirmation of Originality and Assignment of Copyright/The Disclosure Form for Potential Conflicts of Interest Form" should be downloaded from the website, filled thoroughly and uploaded during the submission of the manuscript.

TO AUTHORS

Copyright Notice

The author(s) hereby affirms that the manuscript submitted is original, that all statement asserted as facts are based on author(s) careful investigation and research for accuracy, that the manuscript does not, in whole or part, infringe any copyright, that it has not been published in total or in part and is not being submitted or considered for publication in total or in part elsewhere. Completed Copyright Assignment & Affirmation of Originality Form will be uploaded during submission.

By signing this form:

1. Each author acknowledges that he/she participated in the work in a substantive way and is prepared to take public responsibility for the work.

2. Each author further affirms that he or she has read and understands the "Ethical Guidelines for Publication of Research".

3. The author(s), in consideration of the acceptance of the manuscript for publication, does hereby assign and transfer to the Molecular Imaging and Radionuclide Therapy all of the rights and interest in and the copyright of the work in its current form and in any form subsequently revised for publication and/or electronic dissemination.

Privacy Statement

The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

Peer Review Process

1. The manuscript is assigned to an editor, who reviews the manuscript and makes an initial decision based on manuscript quality and editorial priorities.

2. For those manuscripts sent for external peer review, the editor assigns at least two reviewers to the manuscript.

3. The reviewers review the manuscript.

4. The editor makes a final decision based on editorial priorities, manuscript quality, and reviewer recommendations.

5. The decision letter is sent to the author.
Review

1 Nuclear Medicine Imaging in Pediatric Neurology

Original Articles

11 Diagnostic Accuracy of 18F-Fluorodeoxyglucose Positron Emission Tomography-Computed Tomography in the Evaluation of Carcinoma of Unknown Primary

19 Pre-clinical Positron Emission Tomography Reconstruction Algorithm Effect on Cu-64 ATSM Lesion Hypoxia

26 Comparison of 180° and 360° Arc Data Acquisition to Measure Scintigraphic Parameters from Gated Single Photon Emission Computed Tomography Myocardial Perfusion Imaging: Is There Any Difference?

32 18F-FLT Positron Emission Tomography/Computed Tomography Imaging in Pancreatic Cancer: Determination of Tumor Proliferative Activity and Comparison with Glycolytic Activity as Measured by 18F-FDG Positron Emission Tomography/Computed Tomography Imaging

Case Reports

39 Detection of Superior Vena Cava Obstruction on Dynamic 99mTc-DTPA Renal Transplant Scintigraphy

42 Tissue-Muscle Perfusion Scintigraphy of the Lower Limbs in a Patient with Type 2 Diabetes Mellitus and Peripheral Arterial Disease

47 Extrapulmonary Small Cell Carcinoma of the Seminal Vesicles and Prostate Demonstrated on 18F-FDG Positron Emission Tomography/Computed Tomography

Contents