DESCRIPTION

*International Journal of Radiation Oncology • Biology • Physics (IJROBP)*, known in the field as the Red Journal, publishes original laboratory and clinical investigations related to radiation oncology, radiation biology, medical physics, and both education and health policy as it relates to the field.

This journal has a particular interest in original contributions of the following types: prospective clinical trials, outcomes research, and large database interrogation. In addition, it seeks reports of high-impact innovations in single or combined modality treatment, tumor sensitization, normal tissue protection (including both precision avoidance and pharmacologic means), brachytherapy, particle irradiation, and cancer imaging. Technical advances related to dosimetry and conformal radiation treatment planning are of interest, as are basic science studies investigating tumor physiology and the molecular biology underlying cancer and normal tissue radiation response.

The Red Journal’s sister publications are *Practical Radiation Oncology* and *Advances in Radiation Oncology*. Learn more about which types of papers these journals typically accept.

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AUDIENCE

Radiation Oncologists, Medical Oncologists, Surgical Oncologists, Pediatric Oncologists, Gynecologic Oncologists, Medical Physicists, Radiation Therapists, Diagnostic Radiologists.

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INTRODUCTION

*International Journal of Radiation Oncology, Biology, Physics (IJROBP)*, known in the field as the Red Journal, publishes original laboratory and clinical investigations related to radiation oncology, radiation biology, medical physics, and both education and health policy as it relates to the field.

This journal has a particular interest in original contributions of the following types: prospective clinical trials, outcomes research, and large database interrogation. In addition, it seeks reports of high-impact innovations in single or combined modality treatment, tumor sensitization, normal tissue protection (including both precision avoidance and pharmacologic means), brachytherapy, particle irradiation, and cancer imaging. Technical advances related to dosimetry and conformal radiation treatment planning are of interest, as are basic science studies investigating tumor physiology and the molecular biology underlying cancer and normal tissue radiation response.

Because of the large number of manuscripts submitted annually and the limited print space available, the Red Journal has had to become substantially more selective in what it can accept for publication. Manuscripts with the highest likelihood of acceptance include novel prospective pilot studies (phase 1 and 2); randomized phase 2 and 3 studies; secondary analyses from prospective studies; and health sciences research, especially research that covers cost effectiveness and comparative effectiveness, quality assurance/quality of care, and meta-analyses/systematic reviews that may influence future directions.

Our lower priority manuscripts include studies with a large-sized population treated in a consistent manner (i.e., the study will be one of the largest series in the medical literature, potentially an instructional “classic”); retrospective, hypothesis-generating studies with truly novel findings and appropriate methodology quality and innovation of methods (i.e., the study introduces some new means of analysis not previously available or newly applied); manuscripts that provide new insights into the natural history of disease or patterns of failure; and manuscripts that cover a current, controversial area in which the impact of findings has the high potential to solicit a related high-profile editorial or counterpoint piece.

**How to Submit**

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**Article Types and Guidelines**

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Manuscript ≤3500 words, tables and figures ≤6, references ≤50

Required Elements:
Title page Summary ≤75 words Abstract ≤300 words Blinded manuscript References Figure captions if figures are present Uniform disclosure forms (1 for each author) Original laboratory and clinical investigations related to radiation oncology, radiation biology, and medical physics. Submissions are thoroughly reviewed for scientific originality, significance, relevance, and priority, and the topics must be of broad interest to the journal's readers. The Red Journal only accepts high-priority manuscripts that report cutting-edge science and that promise to have a strong impact on clinical practice.

*Scientific Letters*

Manuscript ≤1000 words, tables and figures ≤6, references ≤20

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are either more preliminary in nature or report a study that is of insufficient size to justify a full Scientific Article yet still has important implications for our field and its practice. that do not have the breadth to be a full-length scientific article.

**Critical Reviews**
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**Gray Zone**

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**Miscellaneous**

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Manuscript ≤3500 words, tables and figures ≤6, references ≤50

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- Summary ≤75 words
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These articles are usually, but not always, commissioned by the Editor-in-Chief. They describe the nature of health care in an individual nation and the unique and distinguishing influence of local culture, training, and economics on the practice of radiation oncology.

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Manuscript ≤400 words (200 about the work, 200 about the artist)

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The Red Journal welcomes interesting images and original artwork by people within the radiation oncology community.

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Manuscript ≤600 words (400 about the history behind the image, 200 about the artist)

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A biographical and research contribution retrospective may be solicited by the Editor-in-Chief; however, outside submissions are welcome, preferably with photographs. The Editor-in-Chief, as well as the Red Journal Senior Editors, will determine acceptability of these submissions, as they will not be sent out for review.

**BEFORE YOU BEGIN**

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**Guidelines for reporting preclinical research**

The National Institutes of Health (NIH) held a workshop in June 2014 with the Nature Publishing Group and Science on the issue of reproducibility and rigor of research findings, with journal editors representing over 30 basic/preclinical science journals in which NIH-funded investigators have most often published. The workshop focused on identifying the common opportunities in the scientific publishing arena to enhance rigor and further support research that is reproducible, robust, and transparent. The journal editors came to consensus on a set of principles to facilitate these goals. The Red Journal editorial board have chosen to uphold the high standards for preclinical research reporting established by the workshop, and we attach the summarized recommendations here. Please pay particular attention to these before submission.

**Conflict of Interest**

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**PREPARATION**

**Double Blind Review**

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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.

**Methods and Materials**

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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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