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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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.

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BEFORE YOU BEGIN

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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.

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