

International Journal of
LOW RADIATION

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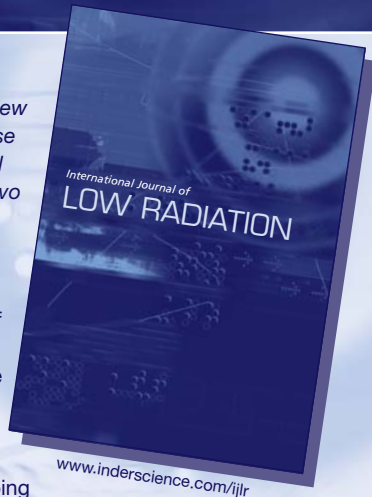
Scope of the Journal

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IJLR is dedicated to the publication of research articles, review papers and technical notes in all domains related to low-dose and very low-dose radiation, among which are the biological and health effects in humans and the biota, in vitro and in vivo research on low radiation effects, regulatory and policy aspects, risk estimation and public perception.

Contents

In addition to manuscripts dealing strictly with the effects of ionising radiation, research papers on synergism between low radiation exposures and other environmental agents are invited. IJLR also welcomes manuscripts on uncertainty analyses of low radiation effects and on methods for reducing these uncertainties. A fair balance will be sought between: special issues addressing specific topics, developing from a review package and in-depth and supplementary articles; and issues of a more conventional structure blending articles addressing several topics.



Topics covered include:

- Radiation risks in perspective
- Radio-induced cancer among cancer risks
- Epidemiological data
- Effect of radiation on radiation workers
- Medical cohorts
- Models and controversies in radiation carcinogenesis
- Effects of radiation on mammalian cells, stress responses in cells and tissues
- Variations in natural background irradiation throughout the world
- Review of radiation exposure limits worldwide
- Radiation protection
- Hormesis
- Genomic instability
- Bystander effects
- Changing paradigms and radiation protection
- Impact of low dose/dose rates on DNA repair/disrepair

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