

Special Issue

Ionizing Radiation: Health Effects, Radiological Protection and Medical Applications

Message from the Guest Editors

This Special Issue has been set up in the anniversary of two crucial events, the Chernobyl and Fukushima accidents, as well as in the context of exponentially rising public concern around the environmental and human health effects of ionizing radiation.

In everyday-life conditions, experimental data on the biological effects of ionizing radiations come from medical exposures, in particular those related to therapies with radioactive nuclides in nuclear medicine and with external beams in radiotherapy.

In accordance with the discussion above, our Special Issue is particularly devoted (even if not limited) to manuscripts covering the following topics: Natural occurring radiation and radioactive isotopes distribution on Earth; Radiobiology and biological effectiveness of radiations; Nuclear medicine; Radiotherapy; Medical physics; Radiological protection; Radiation in space; Radiation detection; Radiation dosimetry; Ionizing radiation physics; Radioactivity monitoring; Nuclear-accident-related studies; Activity concentration studies.

Guest Editors

Dr. Davide Bianco

Dr. Filomena Loffredo

Prof. Dr. Maria Quarto

Deadline for manuscript submissions

closed (31 July 2022)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/87664

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

[mdpi.com/journal/
life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)