Special Issue

Oncogenic Risk Related to Ionizing Radiation and Environmental Impact in Radiology

Message from the Guest Editor

A comprehensive assessment of the oncogenic risks from radiological diagnostic procedures is mandatory considering the progressively increasing exposure to radiation for clinical reasons worldwide, particularly due to computed tomography (CT), which has raised concerns about the risk of radiation-induced cancer even at low levels of exposure. Despite great efforts in developing new radiation-induced cancer risk models, the real relationship between radiation dose and cancer risk is still unknown. Additionally, the impact of radiology activity on the climate is a matter of concern since radiology departments account for about 9% of the carbon emissions in medicine.

Guest Editor

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Deadline for manuscript submissions

31 March 2026

Tomography

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 3.5
Indexed in PubMed

mdpi.com/si/216834

Tomography
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