

Special Issue

Animal Models for Radiotherapy Research

Message from the Guest Editors

Animal models are essential tools in radiotherapy research that have played critical roles in developing our understanding of tumour and normal tissue response. With recent advances in small animal irradiation techniques, preclinical imaging and genome editing, animal models continue to evolve to better recapitulate radiation response in humans. These developments are allowing previously unimaginable experimental approaches to be used in the laboratory, and have much potential towards the development of biologically optimized treatment strategies. This special issue aims to highlight the state-of-the-art in modeling radiotherapy response in animal models, and to demonstrate the broad range of experimental approaches currently being explored. Importantly, we also aim to provide a critical discussion on the translational relevance of animal models and their potential to drive innovations in the clinic. We are soliciting original research articles and current reviews dedicated to the development and application of animal models in radiotherapy research.

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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