

Special Issue

Radiomics in Cancer Imaging: Theory and Applications in Solid Tumours

Message from the Guest Editors

Radiomics is an approach to medical imaging that is aimed at extracting quantitative features that would otherwise go unnoticed to the human eye. In this context, radiomics has attracted increasing worldwide interest as a potential tool for diagnosis, risk stratification, and treatment planning. Yet the translation of radiomics into clinical practise still faces some major hurdles, such as standardisation and reproducibility problems, lack of data for training the models, man-machine interaction issues, as well as legal and ethical issues. Radiomics is also a strongly multidisciplinary discipline, and its success depends a great deal on the cooperation of experts from different fields, including physicians, biologists, mathematicians, statisticians, computer scientists, and engineers.

This Special Issue wants to provide a forum to discuss challenges, discoveries, and opportunities of radiomics in the field of solid tumours. We welcome both methodological and application-oriented contributions. We encourage the submission of original research articles, reviews, and comparative evaluations.

Guest Editors

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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.

Editor-in-Chief

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