

Special Issue

Novel Approaches in Oncologic Imaging

Message from the Guest Editors

The early and accurate detection of malignant lesions is essential for a modern targeted therapy in oncology. Modern radiology offers various diagnostic procedures for detecting cancer and monitoring patients during therapy. Recent developments in radiology, including the use of artificial intelligence and imaging biomarkers, as well as the widespread use of hybrid imaging techniques, have already shown promising results for improving oncologic imaging and individualizing patient management. Novel insights are needed in order to accelerate the implementation of these techniques into clinical routine. Furthermore, the economic aspects of these modern approaches are becoming increasingly important. The aim of this Special Issue is to present recent developments and novel approaches in diagnostic oncologic imaging, covering insights from recent technical developments, including artificial intelligence and imaging biomarkers, to specific imaging techniques, thus adding value for clinical and economic oncology patient management.

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