Special Issue

Application of Magnetic Resonance Imaging (MRI) in the Diagnosis, Staging and Follow-Up of Oncological Diseases

Message from the Guest Editor

Thanks to the impressive technological developments of recent decades, magnetic resonance imaging (MRI) has become a cornerstone of the diagnosis, staging. and follow-up of many oncological diseases. Abdominal, pelvic, and muscoloskeletal applications have been developed and now feature alongside initial neuroradiological applications. Thanks to the introduction of new sequences and Al-based reconstruction techniques, classic morphological MR imaging has increased grown in its spatial and contrast resolution, and acquisition times have decreased. Both functional and structural information can now be extrapolated from the products of MRI (e.g., mappings, advanced diffusion techniques, perfusion techniques, etc.), and efforts have been made to enable tissue characterization by means of MRI. Moreover, the field of radiomics promises to revolutionize the evaluation of imaging. This Special Issue welcomes original research and review articles about the use of MRI in the diagnosis, staging, and follow-up of oncological diseases.

For more information, please click here.

Guest Editor

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