

Special Issue

Imaging Biomarkers for Bone and Body Composition Evaluation in Oncology

Message from the Guest Editors

A variety of methods exist for clinical bone and body composition assessment. Bioelectrical impedance analysis (BIA) and dual-energy X-ray absorptiometry (DXA) are widely available methods that allow for a general evaluation of lean body mass or bone mineral density (BMD). Recently, the use of multi-detector computed tomography (MDCT) has gained interest for its use in opportunistic body composition and BMD assessment. More advanced modalities such as proton magnetic resonance spectroscopy (MRS) and chemical shift encoding-based water-fat magnetic resonance imaging (MRI) are commonly used in research but are rarely implemented in clinical routine. Still, there is a lack of valid imaging biomarkers implemented in patient care despite the abundance of diagnostic modalities. The purpose of this Special Issue is to publish research on imaging biomarkers for bone as well as body composition assessment in the context of oncology. We are pleased to invite you to contribute your original and review articles on this topic. We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2022)



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