Special Issue

Advances in Tumor Vascular Imaging

Message from the Guest Editor

Intralesional (tumoral) blood vessels of neoplasms are essential for nutrient supply, the discharge of waste products, and the invasion and remote metastasis of tumor cells. Measurement of tumor vascularity is useful not only in tumor diagnosis and treatment efficacy determination, but also in surgical planning to prevent serious bleeding. Various challenges have been posed by imaging-using techniques such as magnetic resonance imaging (MRI), computed tomography (CT), angiography and single-photon ECT (SPECT) in the quantification of tumor vascularity and identification of vascular features including arterial feeding vessels and tumor neovascularization. More recently, PET imaging and other imaging modalities have also been used to detect tumor vascularity. In this Special Issue, we welcome original papers and review articles that provide an overview of the latest advances and future challenges in tumor vascular imaging for the diagnosis and treatment of various neoplasms and neoplasmic mimics.

Guest Editor

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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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