

Special Issue

Application of PET/CT in Diagnosis and Treatment of Cancers

Message from the Guest Editor

PET/CT technology is a medical imaging technique that combines positron emission tomography (PET) and computed tomography (CT) to simultaneously provide functional and anatomical information. It has significant application value in cancer diagnosis and treatment. On one hand, PET/CT can accurately locate a tumor's position, size, and metastasis. Because PET/CT can detect metabolic activity in tumors, it has high sensitivity and specificity for early-stage tumors that are difficult to detect using conventional imaging techniques. On the other hand, PET/CT plays an important role in evaluating the therapeutic effect of tumors and adjusting treatment plans. By comparing the results of PET/CT scans before and after treatment, doctors can determine whether the tumor has responded to treatment and whether the treatment plan needs to be adjusted. In this Special Issue, we hope to show the latest progress in the application of various tracers in tumor diagnosis and treatment. We look forward to your submissions and participation in this exciting Special Issue.

Guest Editor

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