

## Special Issue

# PET/CT Imaging in Oncology: Innovations, Challenges, and Opportunities

### Message from the Guest Editors

PET/CT has been the fastest-growing image modality in recent decades. This growth has been bolstered, on one hand, by the approval of new radiotracers, which have been instrumental in addressing the known limitations of FDG. On the other hand, the constant research of new possible indications of FDG-PET has led to the implementation of this tracer in many new clinical settings (e.g., image-guided surgery). Finally, advanced image analysis (including, but not limited to, radiomics, machine learning, automatic target segmentation, computer vision, augmented reality, etc.) has given new value to the acquired data and possesses the potential to increase the volume of information that imaging specialists and clinicians are able to extract from images. These aspects represent the pillars that will support the further growth of nuclear medicine. This Special Issue aims to provide an overview of the future directions of molecular imaging research, and, more in general, of innovative image analysis techniques. I am pleased to invite you to contribute to this Special Issue. This is a new volume of a Special Issue in which we published 16 papers in its first incarnation.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 November 2024)



## Journal of Clinical Medicine

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Impact Factor 2.9  
CiteScore 5.2  
Indexed in PubMed



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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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