

## Special Issue

# State of the Art on PET/CT and PET/MRI in Oncology

### Message from the Guest Editor

The advancing development of personalized therapeutic concepts in the oncological context benefits from image-based precision medicine, where PET/CT and PET/MRI have proven to be valuable techniques for the early detection and precise localization of tumor lesions, accurate determination of tumor stage, and monitoring treatment response. With the ongoing development of individualized molecular therapy concepts, hybrid imaging has been gaining increasing diagnostic and clinical importance, as it provides the highest possible imaging information content compared to other radiological and nuclear medicine modalities. In addition, the exploration of various radiopharmaceutical agents has opened up novel possibilities for the in vivo molecular characterization of cancer. This Special Issue aims to highlight the role of hybrid imaging in cancer management, such as individualized diagnosis and therapeutic biomarker drug assessment, to provide clinicians with information to assist in the development of optimal treatment options for cancer. Therefore, we encourage researchers in the field to submit original articles and review papers to this Special Issue.

### Guest Editor

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### Deadline for manuscript submissions

closed (1 June 2024)



## Journal of Personalized Medicine

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine* is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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### Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

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