



## Medical Imaging: Current Status and Perspectives of PET

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### Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on positron emission tomography (PET) image-related issues rather than new tracers.

Recent quantitative indicators that use deep learning and radiomics analysis are preferable. In PET images, radiomics approaches are a little smaller than those of other modalities. Active application to the PET field is desired.

In addition, new findings in PET-CT related to COVID-19 would be interesting for readers. Through the COVID-19 pandemic, incidental findings in PET-CT could be discovered.

Interim PET in various malignancies could predict treatment efficacy and overall survival. The best way to use interim PET should be clarified after a decade of its use.

Silicon photomultiplier-based technology will evolve qualitative and quantitative data acquisition. A technological approach is also preferable.

Prof. Dr. Takahito Nakajima

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