



## Nuclear Medicine and Molecular Imaging Technology

Collection Editor:

**Prof. Dr. Andreas Kjaer**

Department of Clinical  
Physiology, Nuclear Medicine &  
PET National University Hospital,  
Rigshospitalet, University of  
Copenhagen, Blegdamsvej 9, DK-  
2100 Copenhagen, Denmark

### Message from the Collection Editor

Dear Colleagues,

Nuclear medicine and molecular imaging uses radioactive substances called radiopharmaceuticals to evaluate the function of organs and/or tissues, or to examine for the presence of disease and characterize disease. These types of technologies often have an advantage over other types of diagnostic imaging in that they provide information that is unattainable with other imaging technologies or that would require more invasive procedures, such as biopsy or surgery. In contrast to the latter procedures, molecular imaging elegantly circumvents the risk of sampling error as the whole body is imaged. Characterization of disease by molecular imaging may serve as companion diagnostic for selecting patients eligible for specific therapies and, together with targeted radionuclide therapy, form a theranostic pair.

This Topical Collection aims to collect original works related to nuclear medicine and molecular imaging research.

Prof. Dr. Andreas Kjaer  
*Collection Editor*





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## Editor-in-Chief

### Prof. Dr. Andreas Kjaer

Department of Clinical  
Physiology, Nuclear Medicine &  
PET National University Hospital,  
Rigshospitalet, University of  
Copenhagen, Blegdamsvej 9, DK-  
2100 Copenhagen, Denmark

## Message from the Editor-in-Chief

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*Diagnostics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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