

Special Issue

Advanced Isotopic Techniques for In Vivo Imaging

Message from the Guest Editor

In vivo imaging encompasses a broad range of techniques and technologies that support the discovery and understanding of fundamental mechanisms of disease, disease pathologies and therapeutic efficacy of interventions, in both research and clinical practice. In vivo imaging provides scientists and clinicians with non-invasive visualisation of both biological structure and function/dysfunction across a wide variety of disease states in oncology, neurology, cardiology and metabolic disease. Advanced isotopic techniques are enabling technologies that drive forward the development of molecular imaging biomarkers/(radio)tracers capable of targeting specific biochemical pathways, proteins, transporters, enzymes, etc. and facilitate the advancement of molecular imaging capabilities in vivo.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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