



Advanced Isotopic Techniques for In Vivo Imaging

Guest Editor:

Dr. Edward G. Robins

HEAD of Radiochemistry

Group, Singapore Bioimaging Consortium (SBIC), Agency for Science, Technology and Research (A*STAR), Singapore.

HEAD of Radiochemistry,

Clinical Imaging Research Centre (CIRC), A joint venture between A*STAR and National University of Singapore (NUS).

Yong Loo Lin School of Medicine, Centre for Translational Medicine, National University of Singapore (NUS).

Deadline for manuscript submissions:

closed (15 May 2018)

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.

Dr. Edward G. Robins

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci