

Special Issue

Nuclear Medicine for Prediction of Therapy Efficacy and Therapeutic Evaluation in Oncology

Message from the Guest Editors

The field of molecular imaging has been revolutionized in the last 20 years by the development of nuclear medicine and particularly positron emission tomography (PET). This non-invasive molecular imaging technique enables direct and longitudinal in vivo studies of critical molecular processes.

This Special Issue aims to give a comprehensive overview of the role of nuclear medicine in cancer management, in providing essential information in clinical practice for treatment decision-making strategies, to better select patients with poor prognosis for more intensive therapy or those eligible for targeted therapy. This issue will highlight recent significant accomplishments of PET applications with both 18-fluorodeoxyglucose (FDG) and non-FDG tracers regarding therapeutic evaluation and prediction of therapies' efficacy moreover outlining the challenges of current theranostic developments.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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