



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

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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.

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Message from the Editor-in-Chief

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