Special Issue

Multi-Modality Imaging and Multi-Omics Approach of Cancers with Machine Learning/Deep Learning

Message from the Guest Editors

This Special Issue mainly focuses on the application of machine learning/deep learning to multi-modality images and multi-omics data of cancer. We welcome original papers and review papers related with the topics listed below. Although this Special Issue focuses on papers of multi-modality imaging and multi-omics approaches, those of single-modality images or single-type omics data are also welcomed. Research Topics:

- Cutting-edge methodologies/algorithms of machine learning/deep learning for multi-modality images and/or multi-omics data;
- Exploratory research on the relationship between multi-modality images and/or multi-omics data using machine learning/deep learning;
- Clinical applications of machine learning/deep learning to multi-modality images and/or multi-omics data;
- Open-source software of machine learning/deep learning which are used for cancer diagnosis and treatment;
- Open data of multi-modality images and/or multi-omics data which are useful for the development and validation of machine learning/deep learning;
- Reproducibility/validation study for open-source software of machine learning/deep learning used for cancer diagnosis and treatment.

Guest Editors

Dr. Mizuho Nishio

Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University, Kyoto 606-8507, Japan

Dr. Alessandro Di Stefano

Department of Computing & Games, School of Computing, Engineering and Digital Technologies (SCEDT), Teesside University, Middlesbrough, UK

Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok
Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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