

Special Issue

Image Analysis and Computational Pathology in Cancer Diagnosis

Message from the Guest Editor

The specialty of pathology is currently the focus of enormous attention as both fields of precision medicine and computational pathology are growing exponentially. Investments in infrastructure and research projects are expanding at a rapid pace. The computational potential reaches from simple distance measurements to quantification of biomarkers and finally the classification of lesions by machine learning systems. In fact, a whole new field “computational pathology” is emerging, enabling large-scale computer-aided diagnosis (CAD). For both conventional image analysis and computational pathology, the way into routine pathology diagnostics is still long and bumpy. Validation and standardization are key elements that demand collaboration and large datasets. This Special Issue welcomes articles that have developed new image analysis tools or ML algorithms, but also reports on validation and standardization of previously reported tools and algorithms that can help improve cancer diagnostics or treatment/prognosis prediction.

Guest Editor

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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

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