Special Issue

Computational Pathology for Breast Cancer and Gynecologic Cancer

Message from the Guest Editor

Computational pathology is growing in cancer, including diagnosis, phenotyping, subtype classification, early detection, prognostication, assessment of sensitivity to chemotherapy and immunotherapy, and identification of suitable targeted therapies. Several studies have reported on the utility of computational imaging to automate cancer diagnoses without compromising accuracy. Another study of the quantitative characterization of the architecture of tumor-infiltrating lymphocytes and their interplay with cancer cells from H&E slides of three different gynecologic cancer types (ovarian, cervical, and endometrial) and across three different treatment approaches (platinum, radiation, and immunotherapy) showed that the geospatial profile was prognostic of disease progression and survival, irrespective of the treatment modality. This Special Issue will summarize the recent developments in computational pathology in cancer. It will interpret the complexity of computational pathology for breast cancer and gynecologic cancer. Purely computational/informatics (analysis) papers should include sufficient experimental validation.

Guest Editor

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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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