Special Issue

Artificial Intelligence (AI) in Cancers

Message from the Guest Editor

Transformer architecture is revolutionizing AI applications in cancer care, offering several key advantages over traditional models like convolutional neural networks, recurrent neural networks, and other traditional machine learning approaches. Transformers excel in capturing long-range dependencies within data and allow for the integration of multimodal data, such as combining imaging, pathology, and clinical data, more easily than CNNs and other methods. This flexibility and scalability improve diagnostic accuracy and treatment planning. These advancements are leading to greater accuracy in diagnostic tests, enhancing the analysis of pathology slides and medical imaging. AI is beginning to show promise in guiding the response to neoadjuvant therapy, predicting patient outcomes, and tailoring treatment plans.

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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