Artificial Intelligence in Oncology

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Message from the Collection Editors

Dear Colleagues,

Artificial intelligence (AI) comprises a type of computer science that develops software programs for intelligent execution of tasks or decision making. These approaches allow for bridging the gap between the acquisition of data and its meaningful interpretation. Consequently, artificial intelligence has demonstrated outstanding capabilities for the resolution of a variety of biomedical problems, including cancer, over the past decade.

Artificial intelligence can play an essential role in a wide variety of aspects of oncology: tumor detection and segmentation, histopathological diagnosis, tracking tumor development, clinical decision making as well as cancer therapy development and validation or prognosis prediction.

This Topical Collection will highlight several of the above issues. We welcome submissions of research and review articles addressing several facets of AI in both basic and clinical cancer research.

Topical Collection

Editor-in-Chief

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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.

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