Topical Collection

Artificial Intelligence and Machine Learning in Cancer Research

Message from the Collection Editors

In the near future, Artificial Intelligence and machine learning are poised to radically transform cancer care. Current research in the field of machine learning applied to oncology includes cancer screening through image analysis with deep learning, automated pathology and diagnosis, prognosis prediction and treatment personalization, drug discovery and automated treatment planning. In this Special Issue, we invite teams working on applied AI to submit their latest and most significant research in this area. Beyond this, teams exploring interpretability and expert-augmented machine learning are invited to contribute to this new Special Issue. Studies describing new datasets and new methods are welcome. Datasets and code availability are strongly encouraged.

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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.

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