Developing Artificial Intelligence for Cancer Diagnosis and Prognosis

Guest Editors:

Dr. Feng Gao
1. Department of Colorectal Surgery, The Sixth Affiliated Hospital, Sun Yat-sen University, Guangzhou, China
2. Shanghai Artificial Intelligence Laboratory, Shanghai, China

Dr. Wei Wang
Department of Pathology, The First Affiliated Hospital of Anhui Medical University, Hefei, China

Dr. Tao Huang
Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences, 320 Yue Yang Road, Shanghai 200031, China

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Message from the Guest Editors

Dear Colleagues,

Cancer is an aggressive disease, and a significant number of cancer types have a low median survival rate. Accurate and efficient early diagnosis and prognosis prediction are essential to improve patient survival and quality of life. Currently, artificial intelligence (AI), especially machine learning and deep learning, can leverage massive amounts of data for predictive modeling in a wide variety of fields and has increasingly been used to inform complex decision making in clinical cancer research in recent years. Therefore, we invite researchers and clinicians to submit original articles, as well as review articles on the application of AI to cancer diagnosis and prognosis. Potential topics of interest include but are not limited to the following:

- Artificial intelligence in cancer diagnosis, specifically regarding its unprecedented accuracy;
- Artificial intelligence in clinical cancer prognosis prediction, especially in multi-omics analysis or combined analysis of genomic data;
- Application of artificial intelligence in cancer image data.

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Dr. Wei Wang
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Prof. Dr. Lluís Ribas de Pouplana
Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology, 08028 Barcelona, Spain

Message from the Editor-in-Chief

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