Special Issue

Artificial Intelligence in Biological and Biomedical Imaging

Message from the Guest Editors

We are pleased to invite submissions to a new Special Issue on "Artificial Intelligence (AI) in Biological and Biomedical Imaging". In recent years, AI, including machine learning and deep learning, has been widely investigated to automate the time-consuming process of labor-intensive work and to assist in diagnosis or prognosis. The application of AI in biological and biomedical imaging is an emerging research topic and future trend. This Special Issue is open to basic to clinical research or multidisciplinary research on AI in the field of biological and biomedical imaging. It covers original articles that include but are not limited to the following topics:

- AI-based biological and biomedical image reconstruction;
- AI-based biological and biomedical image registration;
- AI-based biological and biomedical image classification;
- AI-based biological and biomedical image detection and segmentation;
- AI-based biological and biomedical applications;
- AI-aided diagnosis;
- AI-aided prognosis;
- AI-aided decision making.

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Deadline for manuscript submissions

closed (30 April 2022)

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to Biomedicines, be it original research, review articles, or developing Special Issues of current key topics.

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