



## Progress and Challenges in Biomedical Image Analysis

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### Message from the Guest Editors

Dear Colleagues,

We are currently seeing a growing interest in the dynamic and rapidly evolving field of biomedical image analysis, which plays a vital role in a wide range of healthcare applications, ranging from diagnostics to identifying individualized health trends or treatment. With the development and progress that have been made in biomedical imaging technology, biomedical imaging has become an essential tool in daily medical diagnostics. In addition, transformational analytics tools, especially artificial intelligence (AI) techniques and capabilities, are being made more accessible to researchers and healthcare. This has led to medical image analysis becoming more and more important for both research and clinical medicine/healthcare communities. This Special Issue seeks to create a platform for researchers to not only showcase their latest advancements but also share invaluable insights and collectively address challenges in biomedical image analysis through review papers.

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## Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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