Special Issue

Biomedical Imaging Technologies for Cardiovascular Disease - Volume II

Message from the Guest Editor

Biomedical imaging technologies have substantially increased in number and diversity over the past few years. In particular, cardiovascular disease assessment of anatomy, hemodynamics, and tissue biomarkers saw exceptional improvement, aiding the stratification of patient risk and therapy. The recent integration of artificial intelligence and machine learning have also supported novel approaches for personalized image-based diagnosis. This Special Issue is dedicated to collecting the most recent progress in biomedical imaging technologies for cardiovascular disease. The Issue will cover a wide range of topics, including but not limited to:

- Advances in cardiac echocardiography;
- Advances in cardiac computed tomography;
- Advances in cardiac magnetic resonance;
- Advances in positron emission tomography;
- Advances in cardiovascular image processing;
- Advances in image-guided interventions;
- Advances in personalized cardiac imaging;
- Advances in the integration of medical imaging and computational modelling;
- Advanced in biomedical imaging using machine learning and artificial intelligence;
- Advances in experimental cardiac imaging.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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