



## Machine Learning in Signal and Image Analysis for Biomedical Application

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Deadline for manuscript submissions:

**closed (31 July 2023)**

### Message from the Guest Editors

The goal of this Special Issue is to publish original manuscripts and the latest research regarding machine learning techniques that can be used for sensing or imaging in biomedical applications and predicting diagnosis or prognosis from medical images or signals. We welcome submissions describing new cutting-edge machine learning and deep learning methods that address existing problems in the biomedical and health fields.

Topics of interest include but are not limited to:

- Machine learning algorithms for medical image analysis;
- Disease classification and prognosis prediction;
- Segmentation and anomaly detection;
- Medical image denoising and quality improvement;
- Medical image registration;
- Image and signal processing for therapy monitoring;
- Big or multi-modality data processing for predicting clinical outcomes;
- Medical image quality assessment;
- Assessment of the disease severity level based on image analysis.





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## Message from the Editor-in-Chief

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