

Special Issue

The Application of Artificial Intelligence in Biological Sciences

Message from the Guest Editor

Artificial intelligence (AI) is advancing biomedical science in many ways, including improving image-based diagnostics; engineering strategies for improving movement related to injury, birth defects, or neurological or cardiovascular disease; as well as predicting behavior and nerve responses to stimuli. Therefore, *AI* is assembling a Special Issue highlighting the latest applications of AI to biomedical science, and invites you to submit your research for consideration. The focus of this Issue will be on the application of AI to biomedical science; however, studies related to other biomedical applications of AI are welcome. If your research applies AI to any areas of biomedical science, I encourage you to submit a paper to this Issue.

- AI-based biological and biomedical image reconstruction, classification, registration, detection and segmentation;
- AI-based biological and biomedical applications;
- AI-aided diagnosis;
- AI-aided prognosis;
- AI-aided decision making;
- Learning-based algorithms for biological science, including disease diagnosis and prognosis,
- Improving biomedical image clarity or resolution, and enabling cross-modality comparison.

Guest Editor

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