

## Special Issue

# Machine Learning in Healthcare Applications

### Message from the Guest Editor

This Special Issue aims to highlight recent advances and practical applications of ML in healthcare. It seeks to provide a comprehensive platform for sharing original research and review articles that explore novel methodologies, address real-world challenges, and demonstrate impactful case studies in healthcare settings. Aligned with the scope of *Electronics*, this Special Issue will focus on interdisciplinary approaches combining computer science, engineering, and healthcare technology. For this Special Issue, original research articles and reviews are welcome. Research areas may include, but are not limited to, the following:

- Deep learning applications in medical imaging and diagnostics;
- Predictive modeling and disease progression forecasting;
- Natural language processing for clinical notes and EHR;
- Graph-based ML approaches for patient outcome prediction;
- Fairness, bias mitigation, and interpretability in ML models;
- Privacy-preserving ML and federated learning in healthcare;
- Real-time and embedded ML systems in medical devices.

### Guest Editor

Dr. Haohui Lu

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### Deadline for manuscript submissions

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## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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