Special Issue

Artificial Intelligence with Applications in Life Sciences

Message from the Guest Editor

This Special Issue will collect both review articles and original papers describing novel methods and applications of AI in life sciences. Papers presenting AI applications in the broader domain of life sciences are also welcome. The topics of interest for this Special Issue include, but are not limited to the following:

Novel models, algorithms, and tools for biomedicine, bioinformatics, neuroinformatics, and healthcare (e.g., statistical methods, data mining, machine learning, knowledge representations, natural language processing)
Computational approaches for diagnostic, prognostic, and therapeutic decisions
Novel deep-learning techniques
Explainable AI
Scalable methods for big data analytics and stream processing
Complex networks including network medicine, network embeddings, and integration of heterogeneous data sources
Evaluation methods and benchmark datasets
Computational creativity
Literature-based discovery

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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