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Artificial Intelligence with Applications in Life Sciences

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Deadline for manuscript
submissions:

closed (20 January 2023)

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



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Special Issue



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Message from the Editor-in-Chief

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