Biomedical Text Mining and Natural Language Processing

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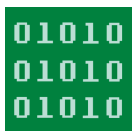
Message from the Guest Editors

Dear Colleagues,

With the rapid development of biomedical research, a large quantity of biomedical text data is available in the biomedical domain. These biomedical texts, such as biomedical literature, clinical notes and medical guidelines, have become an important biomedical domain resource and provide a rich source of knowledge for biomedical research. However, the large size of the body of biomedical text and its rapid growth (e.g., >3000 articles are published in biomedical journals every day) make document search and information access a demanding task.

In recent years, biomedical natural language processing (NLP) or text mining with the goal of developing text mining, NLP, and machine learning techniques for various biomedical applications has received considerable attention and has seen great progress.

This Special Issue aims to bring together NLP researchers and experts in the biomedical field to advance the current state-of-the-art and share insights and challenges. The goal is to develop computational methods and software tools for analyzing and better understanding unstructured biomedical text data towards accelerated knowledge discovery and improving health.

Special Issue

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Message from the Editor-in-Chief

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