



Role and Challenges of Healthcare Cognitive Computing: From Extraction to Data Analysis Techniques

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Message from the Guest Editors

So far, quantitative techniques (such as statistical models, machine learning and deep learning) and qualitative/symbolic techniques (related to the world of the Semantic Web, ontologies and knowledge graphs) have given good results, but the growing complexity of such applications in healthcare has led many experts to assert that the future demands a fusion of these solutions.

This Special Issue, entitled "Role and Challenges of Healthcare Cognitive Computing: From Information Extraction to Analytics", aims to explore the scientific-technological frontiers that characterize the solving of the above-mentioned problems. It seeks original, previously unpublished papers empirically addressing key issues and challenges related to the methods, implementation, results and evaluation of novel approaches based on the use of Cognitive Computing in healthcare.

- Cognitive Computing
- Natural Language Processing
- Semantic Web
- Neural-Symbolic Learning
- Wearable Sensors for Medical Applications





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