

Special Issue

Smart Systems in Medical Informatics

Message from the Guest Editors

Since the early days of Artificial Intelligence (AI), many AI applications in the healthcare area have been developed. Initially, Knowledge-Based Systems, and in particular, Expert Systems, were the first AI approaches to develop applications in the field of Medical Informatics.

Smart Systems may contribute to providing more time for medical staff to interact with patients, improving the quality of health care. For example, Natural Language Processing (NLP) offers a set of techniques that allow for the implementation of applications that can be used to save time for psychiatrists, increase adherence to treatments, improve life quality and support a more independent style of living.

This Special Issue will provide an analysis of the actual trends regarding the main problems that can be dealt with as related to “Smart Systems in Medical Informatics”, and the corresponding main techniques used to deal with these problems. Additionally, some case studies will be presented and described.

Guest Editors

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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