Semantic Interoperability and Applications in Healthcare

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to raise awareness for the need to
guarantee semantic interoperability in healthcare and thus
to integrate structured and unstructured data and
encourage the research community to develop approaches
and tools based on standards, AI and KE technologies to
improve semantic interoperability, and data analysis and
interpretation in the field of healthcare. Research areas in
this Special Issue may include, but are not limited to, the
following:

- Terminology and ontology in the semantic
  interoperability of electronic health records (EHRs);
- Semantic extraction and annotation of biomedical
  text and data;
- Semantic and rule-based systems for healthcare
  data interpretation, coding, and presentation;
- AI methodologies for medical data analysis;
- Medical data acquisition, cleaning, and integration
  using AI methodologies;
- Natural language processing in medical
  documents;
- Global identification of medicinal products.

We look forward to receiving your contributions.

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Special Issue

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Message from the Editor-in-Chief

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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