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Cyber Security in Human Health and Medical Devices

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Deadline for manuscript submissions:

closed (20 January 2022)

Message from the Guest Editors

Cybersecurity has been a prominent research area for many years, and it has evolved and changed to address the raised gaps and concerns in the field. Among the many areas of cyber security, however, medical applications have received less treatment, even though the cybersecurity risk in them is quite high.

In this Special Issue, researchers and scholars are invited to submit their work on the following topics focused on human health and medical devices to the journal: standards and regulations, privacy and accessibility, attack vectors, threat modelling, use cases and abuse cases, cryptography and confidentiality, blockchain, homomorphic encryption and other related topics.

Keywords

- standards and regulations
- privacy and accessibility
- attack vectors
- threat modelling
- use cases and abuse cases
- cryptography and confidentiality
- block chain
- homomorphic encryption



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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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