Special Issue

Applications of Artificial Intelligence in Biomedical Diagnosis

Message from the Guest Editors

In recent years, artificial intelligence (AI) has emerged as a transformative force, revolutionizing numerous aspects of healthcare and diagnostics. Within the realm of dermatology, up until now, the integration of AI-driven technologies in non-invasive imaging devices has shown promising results. This Special Issue aims to explore the cutting-edge applications of AI in the context of non-invasive imaging in dermatology. We encourage submissions of original research, comprehensive reviews, and case studies that highlight the innovative utilization of AI algorithms, machine learning techniques, and computational tools in the diagnosis of various dermatological conditions. We believe that this Special Issue will serve as a platform to foster collaborations, share expertise, and accelerate the translation of AI-based solutions into clinical practice. Keywords:

- artificial intelligence
- dermatology
- non-invasive imaging
- machine learning
- virtual biopsy
- teledermatology
- histopathological images
- image analysis algorithms

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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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