

Special Issue

Artificial Intelligence in Epidemiology and Medical Sciences

Message from the Guest Editors

The new frontiers of artificial intelligence (AI) have generated interesting perspectives on observational and experimental epidemiology, as AI can be widely used, along with machine learning techniques, for a wide range of applications in both the diagnosis and treatment of several diseases. For this Special Issue, we request papers discussing AI use in all fields of medicine and surgery, such as AI applications in radiology for the diagnosis of any pathological condition, as well as AI use to support surgery and endoscopy and in the study of retina, brain, liver, heart, kidney and other organs' function. Studies analyzing big data or exploring AI applications in any field of epidemiology, including population studies, models of the spread of infectious diseases, and medical science are welcome. We also encourage the submission of articles on the analysis of hospital or insurance administrative databases and those addressing the issue of personal data protection within the framework of AI's application to medical records.

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