

Special Issue

Applications of Artificial Intelligence in Public Health and Medicine: From Targeted, Improved Technical Tools to a Wide, Deep Social Revolution

Message from the Guest Editors

We call for contributions that can account for the entire spectrum between these two extremes, in order to determine whether they are fully reconcilable:

- The application of AI to targeted issues in medicine and public health: use of natural language processing to extract knowledge from medical records and the scientific literature; diagnostic aid; predictive modeling of diseases, epidemics, the evolution of a health system under various constraints; ethical, legal, ecological and economic aspects of AI in health; etc.;
- The application of AI in public or population health, as a socio-technical means redistributing roles between traditional health actors and new actors, promoting the emergence of new uses and new practices, authorized or not at present: the health in the hands of private companies outside of health; the reaction of public institutions to digital and AI in health; the place of the individual and the patient in relation to AI and their health; new jobs; etc.

We, therefore, invite both articles presenting applications, specific use cases, in particular, their scientific evaluation, and articles on perspectives or the state of the art on these questions.

Guest Editors

Dr. Thomas Lefèvre

Dr. Claire Morgand

Dr. Cyrille Delpierre

Deadline for manuscript submissions

closed (31 January 2025)



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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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