

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.

Guest Editors

Prof. Dr. Prisco Piscitelli

Italian Society of Environmental Medicine, Viale di Porta Vercellina 23,
20124 Milan, Italy

Prof. Dr. Alessandro Miani

Italian Society of Environmental Medicine, Viale di Porta Vercellina 23,
20124 Milan, Italy

Prof. Dr. Pasquale Stanzone

Law Faculty, University of Salerno, Fisciano, Italy

Deadline for manuscript submissions

closed (31 December 2024)



Epidemiologia

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.3
Indexed in PubMed



mdpi.com/si/203399

Epidemiologia
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
epidemiologia@mdpi.com

[mdpi.com/journal/
epidemiologia](https://mdpi.com/journal/epidemiologia)





Epidemiologia

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.3
Indexed in PubMed



[mdpi.com/journal/
epidemiologia](https://mdpi.com/journal/epidemiologia)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Antoine Flahault

Institute of Global Health, Faculty of Medicine, University of Geneva,
1202 Geneva, Switzerland

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), Scopus, PMC, PubMed, FSTA, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.4 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the first half of 2025).