



Multimorbidity, Polypharmacy, and Medication Appropriateness: Public Health Challenges and Research Priorities

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Message from the Guest Editors

Advances in Medicine and other sciences during the last four decades have contributed to an extraordinary rise in life expectancy. Healthcare models have been improved, offering more effective diagnostic and therapeutic procedures. The clinical profile of the population also changes with time; diseases previously known as “deadly” are becoming today preventable and treatable conditions, others are diagnosed earlier in life, and new ones emerge.

The Special Issue aims to cover the following important areas:

- Characterisation of multimorbidity, risk factors, use of healthcare services
- Drug utilisation, medication adherence, polypharmacy, potentially inappropriate medication
- Multimorbidity trajectories, trends in polypharmacy
- Multimorbidity, polypharmacy, potentially inappropriate medication and their (synergistic) effects on health outcomes
- The role of big data, real-world evidence, and artificial intelligence in the clinical praxis and epidemiologic research regarding multimorbidity and polypharmacy

High-quality original papers and literature reviews that address one or more of the above areas are welcome for submission in this Special Issue.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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