



One Health Care in Non-communicable Diseases

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Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editors

One Health is a collaborative, multisectoral, and transdisciplinary approach that works at local, regional, national, and global levels to achieve optimal health outcomes by recognizing the interconnection between people, animals, plants, and their shared environment.

More than 70% of all human deaths are due to non-communicable diseases (NCDs) (WHO, 2021). Increasingly environmental exposures from air pollution, second-hand smoke, heavy metals, pesticides, and endocrine-disrupting chemicals, have been linked to a range of NCDs, including many cancers, cardiopulmonary diseases, neurological diseases and other pathologies. The fields of chronic disease, mental health, injury, occupational health, and non-communicable diseases can benefit from a One Health approach involving collaboration across disciplines and sectors. Employing One Health frameworks can provide innovative solutions to prevent and treat NCDs across the animal kingdom.

This Special Issue of IJERPH focuses on the current state of knowledge on how society in general, and health professionals in particular, can contribute to One Health care in non-communicable diseases.





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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. 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.

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