Special Issue

Enhancement of Public Health Professionals via Digital Transformation Competencies

Message from the Guest Editors

In recent years, we have seen a rapid increase in digital innovations in the health sector. Global challenges such as pandemics, inequitable distribution, ageing societies or climate change require new methods, technologies and approaches. These changes will not only be steady, but may also be disruptive. It is therefore important that all those involved in the health system have digital competences in order to not only guarantee participation, but also to have options for action and design. This concerns all professions in the health sector, e.g. from doctors to nurses and therapeutic professions to staff in the organisation and administration. Patients also need digital health literacy in order to participate in all the new possibilities of care. The teaching of digital competences in education, further education and training is an important task for the coming years. Many job profiles will change. The demands, but hopefully also the appreciation, will increase significantly. This Special Issue presents possibilities and experiences with the further development of the health professions through digital transformation literacy.

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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.

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