One Health - Important Component of the Global Health Security

Thomas BINZ, PhD,
President of the European Biosafety Association,
Federal Office of Public Health, Switzerland

As demonstrated by Covid-19, infectious disease can emerge any time in the world. Therefore, we must repay attention and use the One Health approach in order to protect humans and animals from a possible next infectious disease that has pandemic potential. The major aim of One Health is to improve health and well-being through the prevention of risks and the mitigation of effects of crises that originate at the interface between humans, animals and their various environments. Today's and future global challenges demand much greater, multidisciplinary team solutions.

One Health is a new interdisciplinary trend that has to be adressed when national and international plans and strategies related to zoonotic diseases, food safety, antimicrobial resistance, and climate change are established.

We need to promote the One Health approach, as humans cannot be healthy if the animals and the environment are not healthy. Therefore, it is necessary to design and implement programs, policies, legislation and research in which multiple sectors communicate and work together to achieve better human and animal public health outcomes.

As a key element to One Health, Biosafety and Biosecurity issues have been found on the agenda of many international organizations and professionals active in different sectors, such as public health, animal health, plant health. In order to get a new young generation of ONE HEALTH, in 2019, the Moldavian Biosafety and Biosecurity Association founded the One Health & Risk Management Journal. The Association brings together a diverse community of individuals who share their scientific results for biosafety and biosecurity issues.

Reading the "One Health & Risk Management» journal is not only a valuable method to inform about a healthy future based on the One Health approach, but also a fine intellectual pleasure.