

Editorial

The era we live in is unpredictable and chaotic. *The rapid urbanization* of the developing world, which promotes sedentary lifestyles and unhealthy nutrition with processed foods high in sugar, processed meats and grains, and unhealthy types of fats, cause epidemics of obesity, diabetes and cardiovascular diseases. It is predicted that the burden of chronic diseases will further increase in low and middle income countries in Asia and Africa in next decades. *The growing disparity and unfair distribution of the wealth* create anger and unrest in many parts of the world. The communities are divided in various ways and there is always an ongoing war in some parts of the world. The chain of poverty, environmental shocks, wars, mass migration and violence is getting longer. *Global climate* change threatens population health through heat waves, droughts, storms and floods, and hence migration to other countries. Western capitals are under the threat of *terrorist attacks* which deteriorates the mental health of the communities. It is likely that the social and environmental threats to human will gradually increase.

Science is defined as a systematic and logical approach to discovering how things in the universe work. Science is done through observation of natural phenomena, and/or through experimentation that tries to simulate natural processes under controlled conditions. In medicine, we use scientific methods to understand the mechanisms and determinants of health status. Health is a complex result of individual, social, political and environmental determinants. In the causal pathway, we can count wide range of factors from molecules, genetics, epigenetics, mutations, physical and biological environment to treatment, health behaviour and health care delivery. Despite the huge developments in understanding and managing the mechanisms of diseases, substantial efforts are still needed to prevent loss of lives from ignorance, war or terrorism.

The Journal of Basic and Clinical Health Sciences (JBACHS) has a wide perspective to health and aims to publish research papers from basic and clinical health sciences as well as social medicine and public health. The second issue of the Journal of Basic and Clinical Health Sciences (JBACHS) includes articles from animal research to clinical research capacity which we think will attract attention of scientists from wide range of scientific fields.

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