



Chronic Inflammation and Impaired Wound Healing: Biomarkers, Risk Assessment, Targeted Prevention and Personalised Medical Services

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Message from the Guest Editor

Chronic inflammation and impaired wound healing – both are strong indicators of systemic defects and health impairments (e.g. vitamin and cardiovascular defects, relevant syndromes, metabolic disorder), which, if not recognised and treated well in time may lead to the development of severe pathologies such as cancer, amongst others. Many risk factors play a role in the progression from a disease predisposition to manifested pathologies. The journal issue is dedicated to the predictive diagnosis, risk assessment, patient stratification, targeted prevention and personalization of the treatment algorithms in the area based on the multi-professional expertise. Application of innovative healthcare strategies and tools is discussed such as population screening focused on the needs of young populations, international biobanking, multi-level diagnostics, and machine learning, amongst others. The paradigm shift from reactive medicine to predictive, preventive and personalised healthcare concepts will benefit affected individuals, the economy of the healthcare sector and the society as a whole.





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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.

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