Precision Medicine for Epidemiology and Public Health

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Message from the Guest Editors

Precision medicine represents an emerging field for the early identification of those factors (e.g., biological, genetic and epigenetic, social, environmental, and clinical factors) that have a greater impact on people's health and wellbeing. In this scenario, precision medicine—supported by a large amount of health data—could guide epidemiology and public health issues through the development of novel and more targeted preventive strategies.

In recent decades, there has been an increased interest in the field of precision medicine, especially in accurately identifying effective treatments and preventive strategies targeted toward at-risk groups. Recently, an explosion of healthcare data and advances in smart technologies provide epidemiologists with the instruments for applying precision health, both in preventing disease and promoting health.

Here, we aim to provide an overview of the opportunities and challenges concerning the application of precision medicine in the fields of epidemiology and public health, through original research, reviews, and communications.

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Special Issue

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Message from the Editor-in-Chief

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