

Special Issue

Advancements in Cardiovascular Epidemiology: Integrating Predictive Modeling into Public Health

Message from the Guest Editors

Cardiovascular diseases remain a leading cause of morbidity and mortality worldwide, prompting an urgent need for innovative research and effective public health strategies to mitigate their impact. This Special Issue aims to feature interdisciplinary studies encompassing epidemiological investigations, novel risk factor identification, innovative predictive modeling techniques and evidence-based public health interventions targeting CVD and related cardiometabolic conditions. Contributions may include, but are not limited to, population-based studies elucidating CVD trends and patterns, investigations into the role of lifestyle factors and genetics in CVD risk, predictive modeling approaches for early detection and intervention, and assessments of the effectiveness of public health policies and interventions in reducing CVD burden. By synthesizing diverse perspectives and methodologies, this Special Issue aims to provide valuable insights for researchers, clinicians, policymakers and public health practitioners, striving to address the complex challenges posed by CVD and cardiometabolic diseases.

Guest Editors

Dr. Thomas Tsiampalis

1. Department of Nutrition and Dietetics, School of Physical Education, Sports and Dietetics, University of Thessaly, 38221 Trikala, Greece
2. Department of Nutrition and Dietetics, School of Health Science and Education, Harokopio University, Kallithea, Athens, Greece
3. Faculty of Health, University of Canberra, Canberra, Australia

Dr. Matina Kouvari

1. Department of Nutrition and Dietetics, School of Physical Education, Sports and Dietetics, University of Thessaly, 38221 Trikala, Greece
2. Department of Nutrition and Dietetics, School of Health Science and Education, Harokopio University, Kallithea, Athens, Greece
3. Faculty of Health, University of Canberra, Canberra, Australia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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