



Hypertrophic Cardiomyopathy—Current Challenges and Future Perspectives

Guest Editors:

Dr. Emanuele Monda

1. Inherited and Rare
Cardiovascular Diseases Unit,
Department of Translational
Medical Sciences, University of
Campania "Luigi Vanvitelli",
Naples, Italy
2. Institute of Cardiovascular
Science, University College
London, London, UK

Prof. Dr. Francesco Pelliccia

Department of Cardiovascular
Sciences, Sapienza University,
Rome, Italy

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Message from the Guest Editors

Dear Colleagues,

Hypertrophic cardiomyopathy (HCM) is a myocardial disease characterized by left ventricular hypertrophy not solely explained by abnormal loading conditions. HCM is a condition that ranges from benign to severe disease with complication (e.g., sudden cardiac death, heart failure, or atrial fibrillation).

The aetiology of HCM is heterogeneous, with mutations in sarcomeric genes responsible for up to 40–60% of cases. However, several other conditions (e.g., metabolic, infiltrative, and neuromuscular) can be associated with an HCM phenotype, often requiring a tailored diagnostic approach and treatment.

Current research is focused on identifying diagnostic markers and molecular targets to early identify the specific cause of HCM and start a tailored treatment, when available.

This Special Issue aims to identify the gaps in the diagnosis and management of HCM based on a combination of original research and review papers.





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Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67081 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and
Critical Care Medicine, The
University of Tokyo, Tokyo, Japan

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Journal of Clinical Medicine Editorial
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MDPI, Grosspeteranlage 5
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