

Special Issue

Cardio-Oncology: Novel Concepts in Diagnosis, Prevention and Treatment of Cardiotoxicity, from Gender Differences and Beyond

Message from the Guest Editors

Significant improvements in recent decades in the diagnosis and therapy of a variety of cancers have profoundly transformed several neoplasms, from incurable conditions to chronic diseases. On the other hand, therapeutic advances have led to increased morbidity and mortality due to treatment side effects. In this clinical scenario, cardiovascular (CV) disease is evolving as a crucial cause of morbidity and death in many cancer survivors. The latter may be the result of cardiotoxicity as well as the enhanced development of CV disease, especially in the presence of traditional CV risk factors. Moreover, CVD and cancer share several overlapping risk factors such as age, tobacco habit, obesity and sedentary behavior. Cardio-oncology represents a relatively new subspeciality focusing on the diagnosis, prevention and treatment of CV complications related to cancer and its therapy. Gender differences are well known in oncological and CV diseases, but to date, they are still less enlightened in cardio-oncological scenarios. The aim of this Special Issue is to highlight recent advances in gender differences, prevention, diagnosis, treatment and prognosis in cardio-oncology.

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