

Special Issue

Cardioimmunology: Inflammation and Immunity in Cardiovascular Disease

Message from the Guest Editor

Peter Libby once told me how he got side-eyed by his peers for calling atherosclerosis an inflammatory disease as an aspiring junior researcher. At that time, the interdisciplinary approach to decipher the intricate interplay between cardiovascular tissue, inflammation and immunity - known as Cardioimmunology today - was seen as a niche area investigating a “byproduct” of blood vessel occlusion, genetic predisposition, and lifestyle factors. A few decades later, the interaction between the immune system and cardiovascular organs has unequivocally been recognized as a driving force behind the development and progression of cardiovascular disease. By revealing the contribution of inflammation and immune cells to disease initiation and progression, Cardioimmunology has reshaped our current understanding of myocardial infarction, myocarditis, atherosclerosis, heart failure, arterial hypertension, and - most recently - cardiac arrhythmia. We invite submissions of original research articles and comprehensive reviews that focus on a deeper understanding of how inflammation and immunity contribute to the pathogenesis, diagnosis, and treatment of cardiovascular disease.

Guest Editor

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