Record Nr. UNINA9910145440203321 Immune dysfunction and immunotherapy in heart disease [[electronic **Titolo** resource] /] / edited by Ronald Ross Watson & Douglas F. Larson Pubbl/distr/stampa Oxford, : Blackwell, 2007 **ISBN** 1-281-06941-8 9786611069414 0-470-69232-4 0-470-76651-4 Descrizione fisica 1 online resource (323 p.) YB 9022 Classificazione Altri autori (Persone) WatsonRonald R (Ronald Ross) LarsonDouglas F Disciplina 616.1/207 616.1207 Soggetti Heart - Diseases - Immunological aspects Heart - Diseases - Immunotherapy Immunologic diseases - Complications Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Immune Dysfunction and Immunotherapy in Heart Disease; Contents: Nota di contenuto Contributors; Preface; About the Editors; Part I Immune dysfunction leading to heart disease: induction by physiological changes; 1 Immunosuppression by ultraviolet light-B radiation: a mediator of cardiac remodeling; 2 Immune mechanisms in pediatric cardiovascular disease; 3 Heart failure-role of autoimmunity; 4 Immune basis of hypertension in humans; 5 Immune dysregulation: potential mediator metabolic syndrome-induced cardiac remodeling; 6 T helper 2 cell cytokines in remodeling of aortic wall 7 Effects of TNF-a on cardiac function8 Immunosuppression in promotion of cardiac allograft vasculopathy; 9 Immunotherapy for left ventricular dysfunction after heart transplantation; Part II Immune dysfunction promoting CVD: induction by transplantation drugs; 10 Immunomodulating therapy in chronic heart failure; 11 Statins in

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## Sommario/riassunto

Current heart failure therapeutics affects symptoms without appreciably reducing the mortality rate of 50% in five years -- suggesting a failure in treating the underlying mechanism. This book proposes a new mechanism for heart failure; immune mediated cardiac remodelling for cardiac dysfunction. The outstanding editor team of two internationally recognized immunologists -- Ronald Watson, who has studied heart disease in immune dysfunction for a decade and has a patent for an immunotherapy of heart disease by immune regulation, and Douglas Larson, whose experience in cardiac transplantat