

1. Record Nr.	UNINA9910696597603321
Autore	Holcomb Robin T
Titolo	Maps of Hawaiian Islands exclusive economic zone interpreted from GLORIA sidescan-sonar imagery [[electronic resource] /] / by Robin T. Holcomb and Joel E. Robinson ; geology mapped by Robin Holcomb 1986-1996 ; digital compilation by Joel E. Robinson ... [and others] ; edited by Jan Zigler ; digital cartography by Joel E. Robinson
Pubbl/distr/stampa	[Reston, Va.] : , : U.S. Dept. of the Interior, U.S. Geological Survey, , 2004
Descrizione fisica	1 electronic map : HTML, digital, PDF file
Collana	Scientific investigations map ; ; 2824
Altri autori (Persone)	RobinsonJoel E
Soggetti	Geology - Hawaii Maps.
Lingua di pubblicazione	Inglese
Formato	Materiale cartografico a stampa
Livello bibliografico	Monografia
Note generali	Title from PDF title screen (viewed on April 7, 2008). "Manuscript approved for publication March 17, 2004." "Pamphlet accompanies map." "Not to be used for navigation." Includes location map. Ancillary maps: Figure 1. Map showing selected geologic features and bathymetric contours (contour interval 250 m) around the Hawaiian Islands. Scale 1:4,000,000 -- Figure 2. GLORIA data collected in 1986-1989 from the southeastern Hawaiian Riedge EEZ. Scale 1:4,000,000.
Nota di bibliografia	Bibliography in accompanying text.

2. Record Nr.	UNINA9910437848303321
Titolo	Cardiac remodeling : molecular mechanisms // edited by Bodh I. Jugdutt, Naranjan S. Dhalla
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-299-33562-4 1-4614-5930-3
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (xi, 569 pages) : illustrations (some color)
Collana	Advances in biochemistry in health and disease ; ; 5
Altri autori (Persone)	JugduttBodh I DhallaNaranjan S
Disciplina	616.12
Soggetti	Ventricular remodeling - Molecular aspects Ventricular remodeling - Treatment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I: Molecular mechanisms of remodeling in pressure and volume overload hypertrophy and eheart failure -- -adrenergic receptor signaling pathway in heart failure -- Remodeling of potassium channels in cardiac hypertrophy -- Role of gender in Ca2+ cycling and cardiac remodeling due to heart failure -- The failing heart: is it an inefficient engine or an engine out of fuel? -- Regulation of cardiac hypertrophic remodeling by the USP15/SLIM1 pathway -- Role of galectin-3 pathways in the pathogenesis of cardiac remodeling and heart failure -- A mitochondriocentric pathway to cardiomyocyte necrosis: an upstream molecular mechanism in myocardial fibrosis -- The ACE2/Ang (1-7) pathway in cardiac remodeling due to pressure-overload -- Local actions of natriuretic peptides and nitric oxide in cardiac remodelling: Implications for therapy -- Modulating G protein-coupled receptors to effect reverse cardiac remodeling -- Role of inflammation and matrix proteinases in cardiac remodeling following stress and injury -- Role of chymase in matrix and myocardial remodeling due to mitral regurgitation. Implications for therapy -- Cardiac remodeling due to aortic regurgitation and mitral regurgitation -- Reducing oxidative stress and manipulating molecular signaling events using resveratrol as a therapy for pathological cardiac hypertrophy -- Angiogenesis, arteriogenesis, and mitochondrial

dysfunction -- Part II: Molecular mechanisms of remodeling after myocardial injury and infarction -- Subcellular remodeling and cardiac dysfunction due to ischemia-reperfusion injury -- Role of microRNAs in cardiac hypertrophy and post-infarction remodeling -- Negative regulators of inflammation as endogenous protective mechanisms in post-infarction remodeling -- TLR-dependent pathways and Akt/mTOR/P70S6K pathways in cardiac remodeling after myocardial infarction -- The STAT3 pathway and downstream mechanisms in cardiac remodeling: Friend or foe -- The role of growth differentiation factor 5 in cardiac repair post myocardial infarction -- Extracellular matrix biomarkers of adverse remodeling after myocardial infarction -- Oxidative stress in cardiac repair and remodeling: Molecular pathways and therapeutic strategies -- Role of SPARC in cardiac extracellular matrix remodeling after myocardial infarction -- Tissue inhibitor of matrix metalloproteinases in the pathogenesis of heart failure syndromes -- Intracellular matrix remodeling and cardiac function in ischemia-reperfusion injury -- Aging and markers of adverse remodeling after myocardial infarction -- Optimizing stem cell therapy for cardiac repair following a myocardial infarction -- Regulation of fibrosis after myocardial infarction. Implications for ventricular remodeling -- The ACE2/Ang-(1-7) pathway in cardiac fibroblasts as a potential target for cardiac remodeling.

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#### Sommario/riassunto

The main objective of Cardiac Remodeling: Molecular Mechanisms is to summarize the major research advances in molecular, biochemical and translational aspects of cardiac remodeling over the last 2 to 3 decades under one cover and touch on future directions. It provides a high profile and valuable publication resource on molecular mechanisms of cardiac remodeling for both the present and future generations of researchers, teachers, students and trainees. This book should stimulate future translational research targeted towards discovery and development for preventing, limiting and reversing bad remodeling over the next few decades, with the ultimate goal of preventing progression to systolic and/or diastolic heart failure. The chapters suggest potential novel strategies that should receive attention for translating basic research knowledge to application in patients at the bedside.

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