1. Record Nr. UNINA9910437852003321

Titolo	The cardiac lymphatic system : an overview / / Ganga Karunamuni
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-4614-6774-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (x, 184 pages) : illustrations (some color)
Collana	Gale eBooks
Altri autori (Persone)	KarunamuniGanga
Disciplina	612.42
Soggetti	Heart - Anatomy Lymphatics
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: Anatomy of the Cardiac Lymphatic System -- A General Outline of the Cardiac Lymphatic System -- Development and Patterning of the Cardiac Lymphatic Network -- Part II: The Cardiac Lymphatics and Heart Disease -- The Link between Lymphatic Obstruction and Congenital Heart Disease -- Role of Lymphatics in Atherogenesis, Myocardial Infarction, Congestive Heart Failure, and Cardiac Transplantation -- The Lymphatics in Normal and Pathological Heart Valves -- Myocardial Lymphatic Changes during Terminal Heart Failure -- Imaging the Lymphatic System in Heart Transplantation and Its Immunological Implications -- Part III: Cardiac Lymphatic Signaling -- Tie Receptor Signaling in Cardiac Lymphangiogenesis -- VEGF Receptor Signaling in the Cardiac Lymphatics -- Hypoxia and the Cardiac Lymphatics -- The Potential of the Epicardium to Act as a Source of Lymphatic Cells -- Index.
Sommario/riassunto	The Cardiac Lymphatic System: An Overview provides in-depth coverage of the cardiac lymphatic vessels and the essential nature of their patterning and development in the heart tissue. The volume is organized into three sections: the anatomy of the cardiac lymphatic system, the cardiac lymphatics and heart disease, and cardiac lymphatic signaling. The content of this book will be useful to a broad audience interested in cardiovascular medicine and physiology, including clinicians, students, and researchers in the fields of developmental biology, cardiology and applied anatomy. The

groundwork in this book will be able to provide readers with vital information on the crucial role played by the cardiac lymphatic vessels in preserving normal heart function.