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Titolo	Exosomes in Cardiovascular Diseases [[electronic resource]] : Biomarkers, Pathological and Therapeutic Effects // edited by Junjie Xiao, Sanda Cretoiu
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2017
ISBN	981-10-4397-3
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VII, 307 p. 32 illus., 30 illus. in color.)
Collana	Advances in Experimental Medicine and Biology, , 0065-2598 ; ; 998
Disciplina	616.107
Soggetti	Molecular biology Human physiology Cardiology Molecular Medicine Human Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Section 1. Overview -- Section 2. Basic aspects of exosomes. -- Section 3. Exosomes as biomarkers of cardiovascular diseases. -- Section 4. Pathological Effects of Exosomes. -- Section 5. Therapeutic effects of Exosomes. -- Section 6. Future Prospects.
Sommario/riassunto	The book provides and intensive overview on exosomes in cardiovascular diseases, its potential as biomarkers, as well as pathological and therapeutic effects. It firstly describes the general aspects of exosomes including the definition, formation and secretion of exosomes and highlight their roles as biomarkers and pathological and therapeutic effects in cardiovascular diseases as well. Secondly, basic aspects of exosomes including the purification methods of exosomes, exosomes content, and functional roles of the cardiovascular exosomes are summarized. Thirdly, exosomes as biomarkers of cardiovascular diseases are overviewed including their roles in diagnosis, prognosis and reaction to therapy. Fourthly, pathological effects of exosomes and therapeutic effects of exosomes are highlighted. Finally, future prospects of exosomes in cardiovascular research would be provided. This is an essential reference for

researchers working in cell biology and regeneration, as well as
clinicians such as cardiologist.
