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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The role of natriuretic peptides in the pathophysiology and treatment of heart failure / Jennifer L. Mathews, Anne Schweighardt -- Signaling mechanisms regulating vascular endothelial barrier function / Mohammad Tauseef, Madeeha Aqil, Dolly Mehta -- Potential role of nuclear factor kB in cardiovascular disease: an update / Rakesh K. Mishra -- Store-operated calcium entry channels: potential role in cardiac function / Diptiman D. Bose -- Examining the effect of mitochondrial fission and fusion events on the heart: role of the mitochondria in heart disease / Ashim Malhotra, Shivani Soni -- Cardiac remodeling under hyperoxic conditions: hyperoxia and heart diseases / Siva Kumar Panguluri -- Platelet function disorders / Zubair A. Karim, Fadi T. Khasawneh -- Myocardial infarction: disease mechanisms and therapeutic perspectives / Kalyan C. Chapalamadugu [and 3 others] -- Pharmacogenomics and cardiovascular disease / Emily K. Dornblaser, Craig P. Worby, Daniel Alan Brazeau -- Advances in the diagnosis and treatment of infective endocarditis / R. Brigg Turner, Jacqueline Schwartz -- Advancements in cardiovascular diagnostics / Yan Li [and 5 others] -- Immunosuppressive therapy in heart transplantation / Yan Li [and 6 others] -- Recent innovations in coronary stents / Poulomi Sengupta -- Nanoparticle-based drug

delivery systems for cardiovascular applications / Arti Patel, Yashwant V. Pathak --

Complementary and alternative medicine use in hypertension: the good, the bad, and the ugly: hypertension treatment from nature - myth or fact? / Aymen Shatnawi [and 3 others] -- Resveratrol: an epigenetic regulator of SIRT1 - is it a magic tool to prevent cardiovascular disease? / Catherine A. Powell [and 3 others] -- The effects of social and demographic factors on cardiovascular disease / Hosik Min -- Forensic assessment of natural unexpected cardiovascular death / Gulnaz T. Javan, Sheree J. Finley, Sait Ozsoy.

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Sommario/riassunto

"This book explores the recent findings in the field of cardiovascular sciences and emerging technologies in research, transplant medicine, and organ system biology. The mission of our publication is to highlight the strengths and future potential of this new interdisciplinary approach to cardiovascular science"--Provided by publisher.

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