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Altri autori (Persone)	OjhaShreesh
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Nota di contenuto	Chapter 1. Cardiovascular system, its functions, and disorders -- Chapter 2. Screening methods and models for evaluation of cardioprotective plants and phytochemicals -- Chapter 3. Plants and phytochemicals for atherosclerosis (including control of blood lipids) -- Chapter 4. Plants and phytochemicals for hypertension -- Chapter 5. Plants and phytochemicals for cardiomyopathy -- Chapter 6. Plants and phytochemicals for arrhythmia -- Chapter 7. Plants and phytochemicals for myocardial ischemia -- Chapter 8. Plants and phytochemicals for myocardial ischemia-reperfusion injury -- Chapter 9. Plants and phytochemicals for aortic aneurysm -- Chapter 10. Plants and phytochemicals for diabetic heart disease -- Chapter 11. Plants and phytochemicals for chemotherapy-induced cardiotoxicity -- Chapter 12. Plants and phytochemicals for pharmaceutical agents-induced

cardiotoxicity -- Chapter 13. Plants and Phytochemicals for Heart stroke -- Chapter 14. Plants and phytochemical for antiobesity -- Chapter 15. Plant food with cardioprotective properties -- Chapter 16. Polyherbal formulations for Cardioprotection -- Chapter 17. Ethnomedicinal plants for Cardioprotection -- Chapter 18. Challenges in herbal drug development for cardioprotection -- Chapter 19. Regulatory toxicology aspects of cardioprotective plants and phytochemicals.

#### Sommario/riassunto

This book provides a comprehensive overview of plants and plant-derived phytochemicals in the management of cardiovascular diseases. It presents the cardioprotective potential of plants and phytochemicals, covering various preclinical models, assays, and clinical research protocols of plant medicine for cardioprotection. Chapters cover the role of plants and phytochemicals in prevention and cure of atherosclerosis, hypertension, cardiomyopathy, arrhythmia, myocardial ischemia, cardiotoxicity and the underlying pharmacological, molecular, biochemical, and immunobiological mechanisms. The book also includes toxicological aspects (safety evaluations), meta-analysis of clinical trials, critical assessments, drawbacks and challenges for adopting phytomedical approaches in evidence-based medicine for the treatment of CVDs. Screening methods and plant foods for cardioprotection are also covered. The book will be a reference for all researchers working on the role of plant-based products on cardiovascular systems and on cardioprotective agents of plant origin. It will be useful for students, researchers, physicians, nurses, industrial scientists, nutritionists, pharmacists, pharmacologists, toxicologists, botanists, and traditional medicine practitioners. In particular, researchers working on heart problems, diseases, toxicity, physicians treating patients with heart problems, hospitals, pharmacy institutions, pharmacy students and researchers, ethnobotanists, and people working in traditional medicine will find this book useful.