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Autore	Giuseppe Rengo
Titolo	The adrenergic system in cardiovascular physiology and pathophysiology [[electronic resource] /] / edited by: Giuseppe Rengo
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Edizione	[Second edition.]
Descrizione fisica	1 online resource (78 pages) : illustrations; digital, PDF file(s)
Collana	Frontiers Research Topics Frontiers in Physiology
Soggetti	Cardiovascular system - Diseases Cardiovascular system - Diseases - Pathogenesis Cardiovascular system - Diseases - Prevention - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	Cardiovascular diseases pose an enormous clinical challenge, remaining the most common cause of death in the world. - adrenoceptors play an important role on cardiac, vascular and/or endothelial function at a cellular level with relevant applications in several cardiovascular diseases, such as heart failure and hypertension. G protein–coupled receptors (GPCRs), including -adrenergic receptors, constitute the most ubiquitous superfamily of plasma membrane receptors and represent the single most important type of therapeutic drug target. Sympathetic nervous system hyperactivity, which characterizes several cardiovascular diseases, such as heart failure and hypertension, as well as physiological ageing, has been proved to exert in the long-term detrimental effects in a wide range of cardiovascular diseases. Acutely, sympathetic hyperactivity represents the response to an insult to the myocardium, aiming to compensate for decreased cardiac output. This process involves the activation of beta-adrenergic receptors by catecholamine with consequent heart rate and cardiac contractility increase. However, long-term exposure of the heart to

elevated norepinephrine and epinephrine levels, originating from sympathetic nerve endings and chromaffin cells of the adrenal gland, results in further progressive deterioration in cardiac structure and function. At the molecular level, sustained sympathetic nervous system hyperactivity is responsible for several alterations including altered beta-adrenergic receptor signaling and function (down-regulation/desensitization). Moreover, the detrimental effects of catecholamine affect also the function of different cell types including, but not limited to, endothelial cells, fibroblasts and smooth muscle cells. Thus, the success of beta-blocker therapy is due, at least in part, to the protection of the heart and the vasculature from the noxious effects of augmented catecholamine levels. The current research topic aims to support the progress towards understanding the role of sympathetic nervous system under physiological conditions, and the contribution of its hyperactivity in the pathogenesis and progression of cardiovascular diseases. The topic is open to original studies, descriptions of new methodologies, reviews and opinions.

2. Record Nr.	UNINA9910160295003321
Autore	Il Dr. Rollan Roberts
Titolo	Born to Dream
Pubbl/distr/stampa	S.I. : Dr. Rollan Roberts II
ISBN	1-62517-354-7
Descrizione fisica	1 online resource (201 p.)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	What would you be or do if you knew you could not fail? How would you live if time and money were no object? What are you so passionate about that sleep escapes you? Rollan A. Roberts II dynamically conveys what dreams are, what they are not, and how to achieve yours in Born to Dream. In this powerful, hard-hitting read, Rollan helps you to

define your dream, achieve it, and keep it alive. Learn why people give up on their dreams and the attributes of successful dreamers. Born to Dream will bring clarity to your life's purpose and the dreams within you like no other book you've read. Born to Dream will inspire you to pursue your dreams with everything you are, have, and hope to be. This thrilling book is for champions—you were Born to Dream. You will discover: bull; 10 questions you can ask to define your dreams bull; 7 step play-by-play for achieving your dreams bull; 10 ways to keep your dream alive bull; 27 reasons people quit pursuing their dreams bull; 5 attributes of a champion 'Dreams are a form of goal setting. Without our dreams, we have no reason to move forward. Born to Dream motivates its readers to dream big and follow through to reach success.' Shannon Miller Olympic Gymnast This is an eLIVE book. Each printed copy contains a special code redeemable for the free download of the audio version of the book.
