1. Record Nr. UNINA990000841640403321

Autore	Lotka, Alfred James <1880-1949>
Titolo	Elements of mathematical biology / Alfred J. Lotka
Pubbl/distr/stampa	New York : Dover Publications, Inc, 1956
Descrizione fisica	XXX, 465 p. ; 20 cm
Disciplina	574.0151
Locazione	FINBN
Collocazione	02 43 F 17
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Già pubblicato con il titolo Elements of Physical Biology

2. Record Nr. UNINA9910438024703321

Titolo	Inflammatory response in cardiovascular surgery / / Edmo Atique Gabriel, Sthefano Atique Gabriel, editors
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-4471-4429-5
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (432 p.)
Altri autori (Persone)	GabrielEdmo Atique GabrielSthefano Atique
Disciplina	617.41059
Soggetti	Cardiovascular system - Surgery - Complications Inflammation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Neuroendocrine response and shock -- The role of lymphocytes in the pathogenesis of atherosclerosis – focus on cd4+ t cell subsets --

Immunological mechanisms of inflammation -- Role of lipoproteins in carotid arterial disease -- Carotid endarterectomy: inflammatory aspects -- Endovascular treatment of carotid diseases: inflammatory aspects -- Role of matrix metalloproteinases and aortic wall degradation in abdominal aortic aneurysm -- Role of haptoglobin in abdominal aortic aneurysm -- Inflammatory aortic aneurysm -- Endovascular treatment of abdominal aortic aneurysm: current and new devices -- Endovascular treatment of ruptured abdominal aortic aneurysms -- Thromboangiitis obliterans -- Inflammatory markers and mortality in critical lower limb ischemia -- Artery wall remodeling and restenosis following vascular reconstruction -- Shear stress and endothelial cell retention in critical lower limb ischemia -- Arterial transplantantion for limb salvage -- Disseminated intravascular coagulation in vascular trauma -- Temporary intravascular shunt in complex vascular injury -- Metalloproteinases in acute venous occlusion -- Idiopathic venous thromboembolism -- Inflammation, thrombogenesis, fibrinolysis and vein wall remodeling after deep venous thrombosis -- Varicose veins -- Venous wall changes, inflammation, and matrix metalloproteinases -- Management of aneurysms in takayasu´s arteritis Mesenteric vasculitis -- Inflammatory peripheral arterial aneurysms -- Endovascular femoropopliteal interventions: evolving devices -- Modulation of inflammatory response in cardiopulmonary bypass -- The systemic inflammatory response syndrome following cardiopulmonary bypass in children -- Vacuum-assisted venous drainage in cardiac surgery -- Miniaturize CPB versus off-pump surgery -- Thyroid hormones and cardiovascular surgery -- Inflammatory response in cardiovascular surgery -- Lung protection during cardiovascular surgery -- Fifteen years of ‘no-touch’ saphenous vein harvesting in patients undergoing coronary artery bypass surgery: what have we learned? -- Platelets and coronary artery disease -- Role of bone morphogenetic proteins in valvulogenesis -- Dysfunctional mechanisms of anti-inflammation in aortic stenosis -- Heart valve surgery and antiphospholipid syndrome -- Neurohormonal factors in pediatric heart surgery -- Antifibrinolytic therapy in pediatric congenital heart surgery -- Thromboembolism in cyanotic heart disease: mechanisms and therapies -- Endovascular management of coarctation of the aorta -- Inflammatory response in open and endovascular treatment -- Surgical treatment of aortic aneurysm in patients with aortitis -- Cytokine profile in heart transplantation -- Platelet activation after lung transplantation -- Role of BNP in pediatric heart transplantation -- Nutritional factors, oxidative stress and lung transplantation -- Mechanical unloading and heart remodeling features -- Cytokine profile in cardiac diseases and marrow stromal cells therapy -- Hypoxic preconditioning of cardiac progenitor cells for ischemic heart.

Sommario/riassunto

Much attention has been drawn to the impact of the inflammatory response in cardiovascular surgery. Minimizing deleterious effects of cardiovascular surgery consists of understanding the pathogenesis of the inflammatory response and how to modulate it using medical strategies and especially specific operative approaches. Despite the attention on this response, the concept has been underestimated and overlooked, and scientific information on it is still lacking in the medical literature. Inflammatory Response in Cardiovascular Surgery includes the most recent and exciting topics regarding the relationship between inflammation and cardiovascular surgery. It provides comprehensive instruction to assist understanding of the inflammatory mechanisms involved and clarifies the basic immunologic and physiologic concepts. The book then includes discussion of the

neuroendocrine response, pathogenesis of atherosclerosis and mechanisms of inflammation, while emphasizing the impact on surgery and pathologic aspects. As such this textbook will be vital reading for all involved in the management of cardiovascular surgical patients, such as cardiovascular and transplant surgeons, anesthesiologists, intensive care physicians, cardiovascular and vascular fellows, and researchers.