1. Record Nr. UNINA9910132958003321

Titolo	Archivi degli studenti [[electronic resource]] : scuola e Facolta di medicina veterinaria, 1860-1930 / / a cura du Massimo Ascoli
Pubbl/distr/stampa	Bologna, : CLUEB, 2004
ISBN	88-491-2227-6
Descrizione fisica	x, 118 p
Collana	Strumenti e documenti. Sez. 1. Archivi degli studenti ; ; 6
Altri autori (Persone)	AscoliMassimo
Disciplina	018
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	(http://www.ilibri.casalini.it/toc/10810072.pdf)

2. Record Nr. UNINA9910634037703321

Autore	Gao Yuansheng
Titolo	Biology of Vascular Smooth Muscle : Vasoconstriction and Dilatation / / by Yuansheng Gao
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	9789811971228 9789811971211
Edizione	[2nd ed. 2022.]
Descrizione fisica	1 online resource (422 pages)
Collana	Biomedical and Life Sciences Series
Disciplina	599.0116
Soggetti	Human physiology Physiology Internal medicine Medicine - Research Biology - Research Human Physiology Internal Medicine Biomedical Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Architecture of the vessel wall -- Ultrastructure of vascular smooth muscle -- Vascular endothelium -- Electrical and mechanical properties of vascular smooth muscle -- Biochemistry of the contractile proteins of smooth muscle -- Metabolism of vascular smooth muscle -- Neurotransmitters -- Endothelium-derived factors -- Local metabolic factors -- Shear stress, myogenic response, and blood flow autoregulation -- Intracellular Ca2+ regulation -- Regulation of myosin light chain phosphorylation -- Cyclic AMP signaling -- Cyclic GMP signaling -- MicroRNAs and vasoreactivity -- Extracellular vesicles as unique signaling messengers -- Genetic and epigenetic modification -- Coronary vasoreactivity -- Cerebral vasoreactivity -- Pulmonary vasoreactivity -- Renal vasoreactivity -- Hypoxic vasoreactivity -- Ageing and vasoreactivity.
Sommario/riassunto	This book provides a concise yet comprehensive review of the

morphological, biochemical, electrical, mechanical, and metabolic properties of vascular smooth muscle, the regulation of vascular activities and the intracellular signaling involved. It particularly focuses on newly identified vasoactive agents, enzymes and transduction mechanisms. It also discusses the latest findings in the regulation of cerebral, coronary and pulmonary circulation as well as vascular activity under hypoxia and ageing. The second edition intends to update the contents of the first edition with the latest achievements in the regulation of vascular activities from biochemical, structural, genetic, physiological, and pharmacological aspects. In addition, two new chapters related to microRNA and extracellular vesicles have been added to reflect their newly discovered important roles in vascular activities. The contraction and dilatation activities of vasculature are of fundamental importance for maintaining circulation homeostasis and adapting to physiological changes. Over the last four decades, there have been significant advances in our understanding of the biochemical, structural, genetic, physiological, and pharmacological aspects of vascular activity regulation, and these insights into the responsiveness of blood vessels under normal and pathophysiological conditions help to provide valuable weapons in the fight vascular diseases. The book is of interest to researchers and graduate students, both in basic research and in clinic settings, in the field of vascular biology.