

1. Record Nr.	UNISA996390350403316
Autore	Wingate Edmund <1596-1656.>
Titolo	Mr Wingate's arithmetick [[electronic resource]] : containing a plain and familiar method, for attaining the knowledge and practice of common arithmetick. The eighth edition, very much enlarged. First composed by Edmund Wingate late of Grayes-Inne Esquire. Afterwards upon Mr. Wingate's request, enlarged in his life-time: also since his decease carefully revised, and much improved, as will appear by the preface and table of contents. By John Kersey, teacher of the mathematicks, at the sign of the Globe in Shandois-street in Covent-Garden
Pubbl/distr/stampa	London, : printed by E.H. for J. Williams at the sign of the Crown in St. Paul's Church-yard, 1683
Descrizione fisica	[12], 544 p. : ill., tables
Altri autori (Persone)	KerseyJohn <1616-1690?>
Soggetti	Arithmetic Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes table of contents. With a divisional title on p. 303: An appendix, containing choice knowledge in arithmetick, both practical and theoretical; .. . Reproduction of the original in the Bodleian Library.
Sommario/riassunto	eebo-0014

2. Record Nr.	UNINA9911020325803321
Titolo	Role of the sarcoplasmic reticulum in smooth muscle // [editors, Derek J. Chadwick and Jamie A. Goode]
Pubbl/distr/stampa	Chichester ; ; New York, : J. Wiley, 2002
ISBN	9786610269914 9781280269912 128026991X 9780470668481 0470668482 9780470852934 0470852933 9780470853054 0470853050
Edizione	[1st ed.]
Descrizione fisica	1 online resource (297 p.)
Collana	Novartis Foundation symposium ; ; 246
Altri autori (Persone)	ChadwickDerek GoodeJamie
Disciplina	571.6/5 611.0186
Soggetti	Smooth muscle Sarcoplasmic reticulum
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings of the Symposium on Role of the Sarcoplasmic Reticulum in Smooth Muscle held at the Novartis Foundation, London, Oct. 30-Nov. 1, 2001.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	ROLE OF THE SARCOPLASMIC RETICULUM IN SMOOTH MUSCLE; Contents; Participants; Chair's introduction; Role of the sarcoplasmic reticulum in uterine smooth muscle; Discussion; Relationship between the sarcoplasmic reticulum and the plasma membrane; Discussion; General discussion I The role of calmodulin in smooth muscle contraction; Ca(2+) signalling and Ca(2+)-activated K(+) channels in smooth muscle; Discussion; Additional fluxes of activator Ca(2+) accompanying Ca(2+) release from the sarcoplasmic reticulum triggered by InsP(3)-mobilizing agonists; Discussion

Molecular candidates for capacitative and non-capacitative Ca(2+) entry in smooth muscle; Regulation of Ca(2+) entry pathways by both limbs of the phosphoinositide pathway; Discussion; Calcium release by ryanodine receptors in smooth muscle; Discussion; Organization of Ca(2+) stores in vascular smooth muscle: functional implications; Discussion; Molecular basis and physiological functions of dynamic Ca(2+) signalling in smooth muscle cells; Discussion; Calcium release events in excitation-contraction coupling in smooth muscle; Discussion; Sarcoplasmic reticulum, calcium waves and myometrial signalling; Discussion; Sarcoplasmic reticulum and membrane currents; Discussion; Sarcoplasmic reticulum function and contractile consequences in ureteric smooth muscles; Discussion; General discussion II The physiological significance of smooth muscle Ca(2+) stores; The sarcoplasmic reticulum and smooth muscle function: evidence from transgenic mice; Discussion; The sarcoplasmic reticulum in disease and smooth muscle dysfunction: therapeutic potential; Discussion; The sarcoplasmic reticulum: then and now; Discussion; Final general discussion; Index of contributors; Subject index

Sommario/riassunto

Smooth muscle contraction is a vital component of the functioning of blood vessels, the uterus, airways and the bladder. Its malfunction can lead to serious pathological conditions, such as hypertension and pre-term labour. The calcium ion plays a central role in smooth muscle function, increasing in concentration for contraction and decreasing for relaxation. Calcium entry into the cell is facilitated by the sarcoplasmic reticulum (SR). This book explores the latest research on the role of the sarcoplasmic reticulum (SR) in smooth muscle function. It examines the control and modulation of t
