

Sarcoplasmic Reticulum

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Recent Publications on Sarcoplasmic Reticulum:

- [Inhibitory effects of genistein and resveratrol on guinea pig gallbladder contractility in vitro.](#)
*AIM: To observe and compare the effects of phytoestrogen genistein,...*30th August, 2008
Department of Physiology, College of Basic Medicine, Lanzhou University,- World J Gastroenterol. 2008 Aug 21;14(31):4955-60.
- [Superiority of biphasic over monophasic defibrillation shocks is attributable to less intracellular calcium transient heterogeneity.](#)
*OBJECTIVES: The purpose of this study was to test the hypothesis that...*30th August, 2008
Division of Cardiology, Department of Medicine, Cedars-Sinai Medical- J Am Coll Cardiol. 2008 Sep 2;52(10):828-35. ([DOI Direct Link](#))
- [Ryanodine receptor phosphorylation at Serine 2030, 2808 and 2814 in rat cardiomyocytes.](#)
*The cardiac ryanodine receptor (RyR) controls Ca(2+) release from the...*30th August, 2008
Department of Physiology, Loyola University Chicago, Maywood, IL 60153,- Biochem Biophys Res Commun. 2008 Aug 25. ([DOI Direct Link](#))
- [TRP-ML1 Functions as a Lysosomal NAADP-Sensitive Ca\(2+\) Release Channel in Coronary Arterial Myocytes.](#)
*Nicotinic acid adenine dinucleotide phosphate (NAADP) is a potent...*30th August, 2008
Department of Pharmacology & Toxicology, Medical College of Virginia- J Cell Mol Med. 2008 Aug 27. ([DOI Direct Link](#))
- [Induced ion currents and the endothelin pathway as targets for anti-arrhythmic agents.](#)
*The development of novel anti-arrhythmic drugs is necessary, specifically...*30th August, 2008
China Pharmaceutical University, Research Division of Pharmacology, 24- Curr Opin Investig Drugs. 2008 Sep;9(9):1001-8.
- [Roles of Tyr122-hydrophobic cluster and K+ binding in Ca2+-releasing process of ADP-insensitive phosphoenzyme of sarcoplasmic reticulum Ca2+-ATPase.](#)
*Tyr(122)-Hydrophobic cluster (Y122-HC) is an interaction network formed by...*30th August, 2008
Biochemistry, Asahikawa Medical College, Asahikawa, Hokkaido 078-8510.- J Biol Chem. 2008 Aug 26. ([DOI Direct Link](#))
- [Signal transduction pathways of muscarinic receptor mediated activation in the newborn and adult mouse urinary bladder.](#)
*OBJECTIVE To study the role of M(2) and M(3) muscarinic receptor subtypes,...*30th August, 2008
Department of Experimental Medical Science, Lund University, Lund, Sweden.- BJU Int. 2008 Aug 22. ([DOI Direct Link](#))
- [Preliminary investigation of sequence-independent DNA binding proteins in rat skeletal muscle](#)

[sarcoplasmic reticulum and their function.](#)

*To observe the binding of plasmid DNA to non-nuclear DNA binding proteins...*30th August, 2008
Institute of Cardiovascular Research, Beijing Medical University, 100083,- Sci China C Life Sci. 2000 Apr;43(2):209-16. ([DOI Direct Link](#))

- [Recording of calcium transient and analysis of calcium removal mechanisms in cardiac myocytes from rats and ground squirrels.](#)

*With confocal microscopy, we recorded calcium transients and analyzed...*30th August, 2008
College of Life Sciences, Peking University, 100871, Beijing, China,- Sci China C Life Sci. 2000 Apr;43(2):191-9. ([DOI Direct Link](#))

- [Increased intracellular Ca²⁺ and SR Ca²⁺ load contribute to arrhythmias after acidosis in rat heart. Role of Ca²⁺-calmodulin dependent protein kinase II.](#)

*Returning to normal pH after acidosis, similar to reperfusion after...*30th August, 2008
Centro de Investigaciones Cardiovasculares - Facultad de Ciencias Medicas- Am J Physiol Heart Circ Physiol. 2008 Aug 22. ([DOI Direct Link](#))

- [Mechanisms Underlying Rate-Dependent Remodeling of Transient Outward Potassium Current in Canine Ventricular Myocytes.](#)

*Transient outward K(+) current (I_{to}) downregulation following sustained...*30th August, 2008
Department of Medicine, Montreal Heart Institute and Universite de- Circ Res. 2008 Aug 21. ([DOI Direct Link](#))

- [Ryanoids and imperatoxin affect the modulation of cardiac ryanodine receptors by dihydropyridine receptor Peptide A.](#)

*Ca(2+)-entry via L-type Ca(2+) channels (DHPR) is known to trigger...*30th August, 2008
Department of Physiology, Loyola University Chicago, Maywood, IL, USA.- Biochim Biophys Acta. 2008 Aug 3. ([DOI Direct Link](#))

- [Theoretical analysis of the adaptive contractile behaviour of a single cardiomyocyte cultured on elastic substrates with varying stiffness.](#)

*In vivo, cardiomyocytes interact with surrounding extracellular matrix...*30th August, 2008
Laboratoire TIMC-IMAG, Equipe DynaCell, 38706 La Tronche Cedex, France.- J Theor Biol. 2008 Jul 31. ([DOI Direct Link](#))

- [Obesity induces upregulation of genes involved in myocardial Ca²⁺ handling.](#)

*Obesity is a complex multifactorial disorder that is often associated with...*23rd August, 2008
Departamento de Clinica Medica, Faculdade de Medicina de Botucatu,- Braz J Med Biol Res. 2008 Jul;41(7):615-20.

- [Novel ryanodine receptor mutation that may cause malignant hyperthermia.](#)

*BACKGROUND: Malignant hyperthermia (MH) is a hypermetabolic condition...*23rd August, 2008
Department of Special Anesthesia and Pain Management, Medical University- Anesthesiology. 2008 Sep;109(3):457-64. ([DOI Direct Link](#))

BioNews Results for Sarcoplasmic Reticulum

- [Fat Cells Show Greater Level of Stress in Obese People](#)
Genetic Engineering News: Aug 29 2008 1:26AM Matching: reticulum
- [Fat Cells Show Greater Level of Stress in Obese People](#)
Genetic Engineering News: Aug 28 2008 11:10PM Matching: reticulum
- [Fat Itself is Unhealthy in Obese Patients](#)
MedPage Today: Aug 28 2008 1:20AM Matching: reticulum
- ['Sick' Fat Found in Obese People](#)
WebMD: Aug 28 2008 10:27PM Matching: reticulum
- [Fat Cells Show Greater Level of Stress in Obese People](#)

- Genetic Engineering News: Aug 28 2008 5:56PM Matching: reticulum
- [Hepatic giant cells in hepatitis C virus \(HCV\) mono-infection and HCV/HIV co-infection S T L Micchelli, D Thom](#)
Journal of Clinical Pathology: Aug 28 2008 5:09PM Matching: reticulum
- [Fat Cells in Obese People Are 'Sick'](#)
National Womens Health Information Center: Aug 28 2008 3:18AM Matching: reticulum
- [Not all fat is created equal](#)
Genetic Engineering News: Aug 27 2008 9:23PM Matching: reticulum
- [The endoplasmic reticulum stress response in immunity and autoimmunity](#)
Nature: Aug 26 2008 3:02PM Matching: reticulum
- [New insulin resistance data have been reported by D.L. Ribeiro and co-authors](#)
Calibre Macro World: Aug 21 2008 11:42PM Matching: reticulum
- [Scientists at Tsinghua University release new data on lung cancer](#)
Calibre Macro World: Aug 21 2008 10:49PM Matching: reticulum
- [Gene Therapy - Research from Kyungpook National University, Department of Internal Medicine in the area of gen](#)
NewsRX: Aug 19 2008 5:47AM Matching: reticulum
- [Hepatocyte-specific ablation of Foxa2 alters bile acid homeostasis and results in endoplasmic reticulum stress](#)
Nature: Aug 13 2008 10:25PM Matching: reticulum
- [New Scripps Research Study Solves Structural Mystery of Cellular Protein Transport](#)
Bionity.com: Aug 13 2008 8:47PM Matching: reticulum
- [RNA interference screen for human genes associated with West Nile virus infection](#)
Nature: Aug 7 2008 3:24PM Matching: reticulum

Sarcoplasmic Reticulum Clinical Trials:



- [SERCA Gene Therapy Trial](#)
Advanced Heart Failure; Patients That Have Received a Left Ventricular Assist Device

Sarcoplasmic Reticulum Patents:



- 7262205- [Biphenyl compounds useful as muscarinic receptor antagonists](#)
- 7317102- [Diarylmethyl and related compounds](#)
- 7319089- [Maurocalcine, analogues thereof and their therapeutical uses](#)
- 7320990- [Crystalline form of a biphenyl compound](#)
- 7323617- [Tie-2 driven overexpression of calreticulin as an inducer of non-small cell carcinoma of lung](#)
- 7329402- [Methods of imaging and treatment](#)

- 7329743- [Gene encoding labyrinthin, a marker for cancer](#)
- 7332479- [Extracellular NAD.sup.+ and cADPR as potent anti-inflammatory agents](#)
- 7338798- [System and method for forming a cardiac muscle construct](#)
- 7341836- [Modified cyclic nucleotide gated ion channels](#)
- 7344705- [Composition comprising low density microspheres](#)
- 7317098- [Ryegrass CBF3 gene: identification and isolation](#)
- 7312044- [Type 1 ryanodine receptor-based methods](#)
- 7264937- [Oxydecahydronaphthalene modulators of HM74](#)
- 7265133- [Biphenyl compounds useful as muscarinic receptor antagonists](#)
- 7271243- [Full-length human cDNAs encoding potentially secreted proteins](#)
- 7273614- [Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides useful for treating aids](#)
- 7276498- [Rapamycin analogues and uses thereof in the treatment of neurological disorders](#)
- 7285530- [Use of SERP-1 as an antiplatelet agent](#)
- 7288657- [Biphenyl compounds useful as muscarinic receptor antagonists](#)
- 7289850- [System for enhanced cardiac function with combined PESP/NES](#)
- 7291604- [Methods of treating restenosis](#)
- 7294334- [Methods and compositions to treat myocardial conditions](#)
- 7345060- [Compounds having .beta..sub.2 adrenergic receptor agonist and muscarinic receptor antagonist activity](#)
- 7345142- [Nucleotide and amino acid sequences, and assays and methods of use thereof for diagnosis of cardiac disease](#)
- 7345175- [Biphenyl derivatives](#)
- 7384655- [Preparation of compositions to alleviate inflammation and oxidative stress in a mammal](#)
- 7384752- [DNA encoding a human imidazoline receptor and ligand binding assay employing same](#)
- 7390502- [SN-38 lipid complexes and their methods of use](#)
- 7393652- [Methods for identifying a chemical compound that directly enhances binding of FKBP12.6 to PKA-phosphorylated type 2 ryanodine receptor \(RyR2\)](#)
- 7396821- [Intravascular delivery of nucleic acid](#)
- 7396919- [Charge reversal of polyion complexes](#)
- 7399750- [Methods for cardiac gene transfer](#)
- 7402406- [Methods of evaluating phosphatase inhibitors](#)
- 7402575- [Methods of treating inflammation](#)
- 7405345- [Plant seed specific promoters](#)
- 7378498- [Protein encoded by a nucleic acid](#)
- 7371380- [Anti-Cark antibodies and uses therefor](#)
- 7351717- [Substituted pyrrolidine and related compounds](#)
- 7351718- [Substituted pyrrolidine and related compounds](#)
- 7351797- [Labeled peptides, and processes and intermediates useful for their preparation](#)
- 7355046- [Biphenyl derivatives](#)
- 7358055- [Diagnostic markers of acute coronary syndrome and methods of use thereof](#)
- 7358244- [Azabicycloalkane compounds](#)
- 7361473- [Diagnostic markers of acute coronary syndrome and methods of use thereof](#)
- 7365178- [Acyl-nucleotide probes and methods of their synthesis and use in proteomic analysis](#)
- 7365182- [Plant vernalization independence \(VIP\) genes, proteins, and methods of use](#)
- 7368129- [Amphiphilic materials and liposome formulations thereof](#)
- 7407767- [Method of screening remedy for heart disease and medicinal composition for treating heart disease](#)

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