

Calmodulin for Abdullah

Research Topic task started on Sun Dec 17, 2006 at 1:26 PM

2 Research Topic candidates were identified in CAPLUS and MEDLINE.

using the phrase "Calmodulin" limited by :

Publication Year: 2002-2006

Document Type: Review.

Language: English.

Selected 1 of 2 candidate topics.

969 references were found containing "**Calmodulin**" as entered.

Remove Duplicates

665 references were found (304 duplicates removed)

Connected to ChemPort: document

* Orosz, F., Horvath, I., Ovadi, J.. New anti-mitotic drugs with distinct anti-calmodulin activity. Mini-Reviews in Medicinal Chemistry (2006), 6 (10), 1145-1157.

Copyrights:

CAPLUS: Copyright © 2006 American Chemical Society. All Rights Reserved. (The UK patent material in this product/service is UK Crown copyright and is made available with permission. © Crown Copyright. The French (FR) patent material in this product/service is made available from Institut National de la Propriete Industrielle (INPI).)

MEDLINE: Produced by the U.S. National Library of Medicine

REGISTRY: Copyright © 2006 American Chemical Society. All Rights Reserved. (Some records contain information from GenBank(R). See also: Benson D.A., Karsch-Mizrachi I., Lipman D.J., Ostell J., Rapp B.A., Wheeler D.L. Genbank. Nucl. Acids Res. 28(1):15-18 (2000). Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.)

CASREACT: Copyright © 2006 American Chemical Society. All Rights Reserved. (In addition to reactions indexed by CAS, CASREACT contains reactions derived from the following sources: ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.)

CHEMLIST, CHEMCATS: Copyright © 2006 American Chemical Society. All Rights Reserved.

Task History

Calmodulin for Abdullah

Answer 1:

Billard, J. M. **Ageing, hippocampal synaptic activity and magnesium.** Magnesium Research (2006), 19(3), 199-215. CODEN: MAGREF ISSN:0953-1424. AN 2006:1256916 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 2:

Mayur, Y. C.; Jagadeesh, S.; Thimmaiah, K. N. **Targeting calmodulin in reversing multidrug resistance in cancer cells.** Mini-Reviews in Medicinal Chemistry (2006), 6(12), 1383-1389. CODEN: MMCIAE ISSN:1389-5575. AN 2006:1244839 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 3:

Johnson, Carey K. **Calmodulin, conformational states, and calcium signaling. A single-molecule perspective.** Biochemistry (2006), 45(48), 14233-14246. CODEN: BICHAW ISSN:0006-2960. AN 2006:1193506 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 4:

Selvakumar, Ponniah; Sharma, Rajendra K. **Phosphorylation and dephosphorylation of human myristoyltransferase type 1.** Canadian Journal of Physiology and Pharmacology (2006), 84(7), 707-712. CODEN: CJPPA3 ISSN:0008-4212. CAN 145:412863 AN 2006:1159668 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 5:

Ebadi, Manuchair; Brown-Borg, Holly; Ren, Jun; Sharma, Sushil; Shavali, Shaik; El ReFaey, Hesham; Carlson, Edward C. **Therapeutic efficacy of selegiline in neurodegenerative disorders and neurological diseases.** Current Drug Targets (2006), 7(11), 1513-1529. CODEN: CDTUAU ISSN:1389-4501. CAN 145:388613 AN 2006:1134240 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 6:

Van Petegem, F.; Minor, D. L. **The structural biology of voltage-gated calcium channel function and regulation.** Biochemical Society Transactions (2006), 34(5), 887-893. CODEN: BCSTB5 ISSN:0300-5127. AN 2006:1114307 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 7:

Semenza, Gregg L.; Shimoda, Larissa A.; Prabhakar, Nanduri R. **Regulation of gene expression by HIF-1.** Novartis Foundation Symposium (2006), 272(Signalling Pathways in Acute Oxygen Sensing), 2-14. CODEN: NFSYF7 ISSN:1528-2511. AN 2006:1064340 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 8:

Nakanishi, Shigetada; Okazawa, Makoto. **Membrane potential-regulated Ca²⁺ signalling in development and maturation of mammalian cerebellar granule cells.** Journal of Physiology (Oxford, United Kingdom) (2006), 575(2), 389-395. CODEN: JPHYA7 ISSN:0022-3751. CAN 145:392966 AN 2006:1043901 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 9:

Boggs, J. M. **Myelin basic protein: a multifunctional protein.** Cellular and Molecular Life Sciences (2006), 63(17), 1945-1961. CODEN: CMSLFI ISSN:1420-682X. CAN 145:329989 AN 2006:1040506 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 10:

Orosz, F.; Horvath, I.; Ovadi, J. **New anti-mitotic drugs with distinct anti-calmodulin activity.** Mini-Reviews in Medicinal Chemistry (2006), 6(10), 1145-1157. CODEN: MMCIAE ISSN:1389-5575. CAN 145:327527 AN 2006:1028484 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 11:

Denny, John B. **Molecular mechanisms, biological actions, and neuropharmacology of the growth-associated protein GAP-43.** Current Neuropharmacology (2006), 4(4), 293-304. CODEN: CNUEAN ISSN:1570-159X. CAN 145:352335 AN 2006:1025050 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 12:

Ashery, Uri; Yizhar, Ofer; Rotblat, Barak; Kloog, Yoel. **Nonconventional trafficking of Ras associated with Ras signal organization.** Traffic (Oxford, United Kingdom) (2006), 7(9), 1119-1126. CODEN: TRAFFA ISSN:1398-9219. AN 2006:1007224 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 13:

Franklin, Richard A.; Rodriguez-Mora, Oswaldo G.; LaHair, Michelle M.; McCubrey, James A. **Activation of the Calcium/Calmodulin-Dependent Protein Kinases as a Consequence of Oxidative Stress.** Antioxidants & Redox Signaling (2006), 8(9 & 10), 1807-1817. CODEN: ARSIF2 ISSN:1523-0864. CAN 145:414553 AN 2006:972614 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 14:

Wang, Zaijie Jim; Wang, Lili X. **Phosphorylation: A molecular switch in opioid tolerance.** Life Sciences (2006), 79(18), 1681-1691. CODEN: LIFSAK ISSN:0024-3205. AN 2006:962056 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 15:

Mosevitsky, Mark I. **Nerve ending "signal" proteins GAP-43, MARCKS, and BASP1.** International Review of Cytology (2005), 245 245-325. CODEN: IRCYAJ ISSN:0074-7696. CAN 145:450431 AN 2006:823715 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 16:

Sidhu, Ranjinder S.; Bhullar, Rajinder P. **Regulation of the Ras small GTPase family by Ca²⁺/calmodulin.** Recent Research Developments in Molecular & Cellular Biochemistry (2005), 2(Pt. 2), 237-253. CODEN: RRDMLU CAN 145:264876 AN 2006:812902 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 17:

Hood, David A.; Irrcher, Isabella; Ljubicic, Vladimir; Joseph, Anna-Maria. **Coordination of metabolic plasticity in skeletal muscle.** Journal of Experimental Biology (2006), 209(12), 2265-2275. CODEN: JEBIAM ISSN:0022-0949. AN 2006:799309 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 18:

Reddy, G. Prem Veer; Barrack, Evelyn R.; Dou, Q. Ping; Menon, Mani; Pelley, Ronald; Sarkar, Fazlul H.; Sheng, Shijie. **Regulatory processes affecting androgen receptor expression, stability, and function: potential targets to treat hormone-refractory prostate cancer.** Journal of Cellular Biochemistry (2006), 98(6), 1408-1423. CODEN: JCEBD5 ISSN:0730-2312. CAN 145:164093 AN 2006:791780 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 19:

Henry, Maud; Alibert, Sandrine; Orlandi-Pradines, Eve; Bogreau, Herve; Fusai, Thierry; Rogier, Christophe; Barbe, Jacques; Pradines, Bruno. **Chloroquine resistance reversal agents as promising antimalarial drugs.** Current Drug Targets (2006), 7(8), 935-948. CODEN: CDTUAU ISSN:1389-4501. CAN 145:140793 AN 2006:774610 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 20:

van der Heyden, Marcel A. G.; Wijnhoven, Tessa J. M.; Ophof, Tobias. **Molecular aspects of adrenergic modulation of the transient outward current.** Cardiovascular Research (2006), 71(3), 430-442. CODEN: CVREAU ISSN:0008-6363. CAN 145:241861 AN 2006:769548 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 21:

Irvine, Elaine E.; von Hertzen, Laura S. J.; Plattner, Florian; Giese, Karl Peter. **α CaMKII autophosphorylation: a fast track to memory.** Trends in Neurosciences (2006), 29(8), 459-465. CODEN:

Calmodulin for Abdullah

TNSCDR ISSN:0166-2236. CAN 145:310893 AN 2006:760687 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 22:

Reznick, Richard M.; Shulman, Gerald I. **The role of AMP-activated protein kinase in mitochondrial biogenesis.** Journal of Physiology (Oxford, United Kingdom) (2006), 574(1), 33-39. CODEN: JPHYA7 ISSN:0022-3751. CAN 145:501111 AN 2006:748091 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 23:

Hardie, D. Grahame; Hawley, Simon A.; Scott, John W. **AMP-activated protein kinase - development of the energy sensor concept.** Journal of Physiology (Oxford, United Kingdom) (2006), 574(1), 7-15. CODEN: JPHYA7 ISSN:0022-3751. CAN 145:142221 AN 2006:748089 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 24:

van Dam, Ellen M.; Robinson, Phillip J. **Ral: Mediator of membrane trafficking.** International Journal of Biochemistry & Cell Biology (2006), 38(11), 1841-1847. CODEN: IJBBFU ISSN:1357-2725. CAN 145:310889 AN 2006:735136 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 25:

Moncada, Salvador; Bolanos, Juan P. **Nitric oxide, cell bioenergetics and neurodegeneration.** Journal of Neurochemistry (2006), 97(6), 1676-1689. CODEN: JONRA9 ISSN:0022-3042. CAN 145:164080 AN 2006:727418 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 26:

Martin, A. C. L.; Cooper, D. M. F. **Layers of organization of cAMP microdomains in a simple cell.** Biochemical Society Transactions (2006), 34(4), 480-483. CODEN: BCSTB5 ISSN:0300-5127. CAN 145:267309 AN 2006:726374 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 27:

Sharma, Rajendra K.; Das, Shankar B.; Lakshmikuttyamma, Ashakumary; Selvakumar, Ponniah; Srivastav, Anuraag. **Regulation of calmodulin-stimulated cyclic nucleotide phosphodiesterase (PDE1): review.** International Journal of Molecular Medicine (2006), 18(1), 95-105. CODEN: IJMMFG ISSN:1107-3756. AN 2006:724424 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 28:

Sheehan, Katherine A. **A new look at phospholamban in pressure-overload hypertrophy.** American

Calmodulin for Abdullah

Journal of Physiology (2006), 291(1, Pt. 2), H23. CODEN: AJPHAP ISSN:0002-9513. CAN 145:164078 AN 2006:715212 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 29:

Hirokawa, Nobutaka. **mRNA transport in dendrites: RNA granules, motors, and tracks.** Journal of Neuroscience (2006), 26(27), 7139-7142. CODEN: JNRSDS ISSN:0270-6474. CAN 145:329944 AN 2006:713021 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 30:

Ducibella, Tom; Schultz, Richard M.; Ozil, Jean-Pierre. **Role of calcium signals in early development.** Seminars in Cell & Developmental Biology (2006), 17(2), 324-332. CODEN: SCDBFX ISSN:1084-9521. AN 2006:710314 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 31:

Su, Li; Ma, Chun-yan; Zhou, Yan-dong; Jia, Yan-hong; Cui, Zong-jie. **Cytosolic calcium oscillations in submandibular gland cells.** Acta Pharmacologica Sinica (2006), 27(7), 843-847. CODEN: APSCG5 ISSN:1671-4083. CAN 145:163648 AN 2006:704453 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 32:

O'Day, Danton H. **Calmodulin-mediated signaling in Dictyostelium discoideum: CaMBOT isolation and characterization of the novel poly-domain protein nucleomorphin and other calmodulin binding proteins.** Focus on Cellular Signalling Research (2006), 131-153. CODEN: 69IHJ5 AN 2006:693616 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 33:

Miyazaki, Shunichi; Ito, Masahiko. **Calcium signals for egg activation in mammals.** Journal of Pharmacological Sciences (Tokyo, Japan) (2006), 100(5), 545-552. CODEN: JPSTGJ ISSN:1347-8613. CAN 145:163643 AN 2006:682011 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 34:

Miyamoto, Eishichi. **Molecular mechanism of neuronal plasticity: induction and maintenance of long-term potentiation in the hippocampus.** Journal of Pharmacological Sciences (Tokyo, Japan) (2006), 100(5), 433-442. CODEN: JPSTGJ ISSN:1347-8613. CAN 145:163638 AN 2006:682001 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 35:

Pukala, Tara L.; Bowie, John H.; Maselli, Vita M.; Musgrave, Ian F.; Tyler, Michael J. **Host-defense peptides**

Calmodulin for Abdullah

from the glandular secretions of amphibians: structure and activity. Natural Product Reports (2006), 23(3), 368-393. CODEN: NPPRDF ISSN:0265-0568. CAN 145:184551 AN 2006:672124 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 36:

Delicado, Esmerilda G.; Miras-Portugal, M. Teresa; Carrasquero, Luz Maria G.; Leon, David; Perez-Sen, Raquel; Gualix, Javier. **Dinucleoside polyphosphates and their interaction with other nucleotide signaling pathways.** Pfluegers Archiv (2006), 452(5), 563-572. CODEN: PFLABK ISSN:0031-6768. CAN 145:224945 AN 2006:657527 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 37:

Talavera, Karel; Nilius, Bernd. **Biophysics and structure-function relationship of T-type Ca²⁺ channels.** Cell Calcium (2006), 40(2), 97-114. CODEN: CECADV ISSN:0143-4160. CAN 145:226161 AN 2006:650838 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 38:

Koulmann, Nathalie; Bigard, Andre-Xavier. **Interaction between signaling pathways involved in skeletal muscle responses to endurance exercise.** Pfluegers Archiv (2006), 452(2), 125-139. CODEN: PFLABK ISSN:0031-6768. CAN 145:24581 AN 2006:583333 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 39:

Churcher, Ian. **Tau therapeutic strategies for the treatment of Alzheimer's disease.** Current Topics in Medicinal Chemistry (Sharjah, United Arab Emirates) (2006), 6(6), 579-595. CODEN: CTMCCL ISSN:1568-0266. CAN 145:116568 AN 2006:547537 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 40:

Ishida, Hiroaki; Vogel, Hans J. **Protein-peptide interaction studies demonstrate the versatility of calmodulin target protein binding.** Protein & Peptide Letters (2006), 13(5), 455-465. CODEN: PPELEN ISSN:0929-8665. CAN 145:243259 AN 2006:545909 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 41:

Neylon, Craig B.; Fowler, Christopher J.; Furness, John B. **Regulation of the slow afterhyperpolarization in enteric neurons by protein kinase A.** Autonomic Neuroscience (2006), 126-127 258-263. CODEN: ANUEB2 ISSN:1566-0702. AN 2006:543440 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 42:

Ferris, Heather A.; Shupnik, Margaret A. **Mechanisms for pulsatile regulation of the gonadotropin subunit**

Calmodulin for Abdullah

genes by GNRH1. Biology of Reproduction (2006), 74(6), 993-998. CODEN: BIREBV ISSN:0006-3363. CAN 145:160195 AN 2006:508835 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 43:

Pifferi, Simone; Boccaccio, Anna; Menini, Anna. **Cyclic nucleotide-gated ion channels in sensory transduction.** FEBS Letters (2006), 580(12), 2853-2859. CODEN: FEBLAL ISSN:0014-5793. CAN 145:59713 AN 2006:506452 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 44:

Murthy, Karnam S. **Signaling for contraction and relaxation in smooth muscle of the gut.** Annual Review of Physiology (2006), 68 345-374. CODEN: ARPHAD ISSN:0066-4278. CAN 144:481130 AN 2006:451711 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 45:

Withers, Sarah; Cartwright, Elizabeth J.; Neyses, Ludwig. **Sperm phenotype of mice carrying a gene deletion for the plasma membrane calcium/calmodulin dependent ATPase 4.** Molecular and Cellular Endocrinology (2006), 250(1-2), 93-97. CODEN: MCEND6 ISSN:0303-7207. CAN 145:56038 AN 2006:445055 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 46:

Srivastava, A.; Singh, Shyam. **Biochemical Markers and Nutrient Constraints Diagnosis in Citrus: A Perspective.** Journal of Plant Nutrition (2006), 29(5), 827-855. CODEN: JPNUDS ISSN:0190-4167. CAN 145:210115 AN 2006:442358 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 47:

Oceandy, Delvac; Buch, Mamta H.; Cartwright, Elizabeth J.; Neyses, Ludwig. **The emergence of plasma membrane calcium pump as a novel therapeutic target for heart disease.** Mini-Reviews in Medicinal Chemistry (2006), 6(5), 583-588. CODEN: MMCIAE ISSN:1389-5575. CAN 145:55228 AN 2006:425251 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 48:

Matthews, Sharon A.; Cantrell, Doreen A. **The role of serine/threonine kinases in T-cell activation.** Current Opinion in Immunology (2006), 18(3), 314-320. CODEN: COPIEL ISSN:0952-7915. CAN 145:25773 AN 2006:405230 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 49:

Thomas, Sophie; Aflalo-Rattenbach, Revital; Mouton-Liger, Francois; Creau, Nicole. **PCP4 (PEP-19): function,**

Calmodulin for Abdullah

regulation and neurodegenerative diseases. Molecular Bases of Neurodegeneration (2005), 199-212.
CODEN: 69IARQ CAN 145:289501 AN 2006:368045 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 50:

Montecucco, Cesare; Caccin, Paola; Dal Molin, Federica; Garbisa, Spiridione; Mock, Michele; Morbiato, Laura; Rossetton, Ornella; Romanello, Vanina; Tonello, Fiorella. **Bacterial toxins with intracellular targets: The case of botulinum and anthrax toxins.** Nova Acta Leopoldina (2005), 92(344, Threat of Infection--Microbes of High Pathogenic Potential), 127-132. CODEN: NOALA4 ISSN:0369-5034. CAN 145:160910 AN 2006:367380 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 51:

Tardito, Daniela; Perez, Jorge; Tiraboschi, Ettore; Musazzi, Laura; Racagni, Giorgio; Popoli, Maurizio. **Signaling pathways regulating gene expression, neuroplasticity, and neurotrophic mechanisms in the action of antidepressants: a critical overview.** Pharmacological Reviews (2006), 58(1), 115-134. CODEN: PAREAQ ISSN:0031-6997. CAN 145:240676 AN 2006:334926 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 52:

Agell, Neus; Jaumot, Montserrat; Rodriguez-Vilarrupla, Aina; Brun, Sonia; Abella, Neus; Canela, Nuria; Estanyol, Josep M.; Bachs, Oriol. **The diverging roles of calmodulin and PKC in the regulation of p21 intracellular localization.** Cell Cycle (2006), 5(1), 3-6. CODEN: CCEYAS ISSN:1538-4101. CAN 145:139318 AN 2006:303941 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 53:

Szabo, Eva; Papp, Sylvia; Opas, Michal. **Calreticulin and cellular adhesion/migration-specific signaling pathways.** Journal of Applied Biomedicine (2006), 4(1), 45-52. CODEN: JABOBD ISSN:1214-021X. CAN 145:118822 AN 2006:294726 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 54:

Nunomura, Wataru; Takakuwa, Yuichi. **Regulation of protein 4.1R interactions with membrane proteins by Ca²⁺ and calmodulin.** Frontiers in Bioscience (2006), 11(2), 1522-1539. CODEN: FRBIF6 ISSN:1093-4715. CAN 145:4627 AN 2006:270408 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 55:

Betton, Graham R.; Kenne, Kerstin; Somers, Rebecca; Marr, Andrew. **Protein biomarkers of nephrotoxicity; a review and findings with cyclosporin A, a signal transduction kinase inhibitor and N-phenylanthranilic acid.** Cancer Biomarkers (2005), 1(1), 59-67. CODEN: CBAIBM ISSN:1574-0153. CAN 145:201649 AN 2006:254708 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 56:

Molkentin, Jeffery D. **Dichotomy of Ca²⁺ in the heart: contraction versus intracellular signaling.** Journal of Clinical Investigation (2006), 116(3), 623-626. CODEN: JCINAO ISSN:0021-9738. CAN 144:347245 AN 2006:235756 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 57:

Anderson, M. E. **QT interval prolongation and arrhythmia: an unbreakable connection?** Journal of Internal Medicine (2006), 259(1), 81-90. CODEN: JINMEO ISSN:0954-6820. CAN 145:142086 AN 2006:210178 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 58:

Spriet, Lawrence L.; Hargreaves, Mark. **Overview of exercise metabolism.** Exercise Metabolism (2nd Edition) (2006), 1-6. CODEN: 69HVWL CAN 145:163604 AN 2006:194982 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 59:

Ikura, Mitsuhiro; Ames, James B. **Genetic polymorphism and protein conformational plasticity in the calmodulin superfamily: two ways to promote multifunctionality.** Proceedings of the National Academy of Sciences of the United States of America (2006), 103(5), 1159-1164. CODEN: PNASA6 ISSN:0027-8424. CAN 144:248986 AN 2006:165361 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 60:

Squier, Thomas C. **Redox Modulation of Cellular Metabolism Through Targeted Degradation of Signaling Proteins by the Proteasome.** Antioxidants & Redox Signaling (2006), 8(1 & 2), 217-228. CODEN: ARSIF2 ISSN:1523-0864. CAN 145:98075 AN 2006:157946 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 61:

Gamble, Wilbert. **Atherosclerosis: The carbonic anhydrase, carbon dioxide, calcium concerted theory.** Journal of Theoretical Biology (2006), 239(1), 16-21. CODEN: JTBIAP ISSN:0022-5193. CAN 145:121474 AN 2006:135564 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 62:

Kirvan, Christine A.; Swedo, Susan E.; Kurahara, David; Cunningham, Madeleine W. **Streptococcal mimicry and antibody-mediated cell signaling in the pathogenesis of Sydenham's chorea.** Autoimmunity (2006), 39(1), 21-29. CODEN: AUIMEI ISSN:0891-6934. CAN 145:186057 AN 2006:105419 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 63:

Hidalgo, Cecilia. **Cross talk between Ca₂₊ and redox signalling cascades in muscle and neurons through the combined activation of ryanodine receptors/Ca₂₊ release channels.** Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences (2005), 360(1464), 2237-2246. CODEN: PTRBAE ISSN:0962-8436. CAN 144:347193 AN 2006:96266 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 64:

Witters, Lee A.; Kemp, Bruce E.; Means, Anthony R. **Chutes and Ladders: the search for protein kinases that act on AMPK.** Trends in Biochemical Sciences (2006), 31(1), 13-16. CODEN: TBSCDB ISSN:0968-0004. CAN 144:186865 AN 2006:85672 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 65:

Jones, Keith T. **Mammalian egg activation: From Ca₂₊ spiking to cell cycle progression.** Reproduction (Bristol, United Kingdom) (2005), 130(6), 813-823. CODEN: RCUKBS ISSN:1470-1626. CAN 144:147004 AN 2006:42942 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 66:

Zayzafoon, Majd. **Calcium/calmodulin signaling controls osteoblast growth and differentiation.** Journal of Cellular Biochemistry (2005), Volume Date 2006, 97(1), 56-70. CODEN: JCEBD5 ISSN:0730-2312. CAN 144:464635 AN 2006:28963 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 67:

Seales, Eric C.; Micoli, Keith J.; McDonald, Jay M. **Calmodulin is a critical regulator of osteoclastic differentiation, function, and survival.** Journal of Cellular Biochemistry (2005), Volume Date 2006, 97(1), 45-55. CODEN: JCEBD5 ISSN:0730-2312. CAN 144:167676 AN 2006:28962 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 68:

Matsuoka, Masaaki; Nishimoto, Ikuo. **Anti-ALS Activity of Alsin, the Product of the ALS2Gene, and Activity-Dependent Neurotrophic Factor.** Neurodegenerative Diseases (2005), 2(3-4), 135-138. CODEN: NDEIA6 ISSN:1660-2854. CAN 144:485595 AN 2006:22189 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 69:

Pradines, Bruno; Pages, Jean-Marie; Barbe, Jacques. **Chemosensitizers in drug transport mechanisms involved in protozoan resistance.** Current Drug Targets: Infectious Disorders (2005), 5(4), 411-431.

Calmodulin for Abdullah

CODEN: CDTIAS ISSN:1568-0053. CAN 144:80413 AN 2006:17368 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 70:

Hund, T. J.; Rudy, Y. **A role for calcium/calmodulin-dependent protein kinase II in cardiac disease and arrhythmia.** Handbook of Experimental Pharmacology (2006), 171(Basis and Treatment of Cardiac Arrhythmias), 201-220. CODEN: HEPHD2 ISSN:0171-2004. CAN 144:309264 AN 2005:1340889 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 71:

Hilgers, Rob H. P.; Webb, R. Clinton. **Molecular aspects of arterial smooth muscle contraction: focus on Rho.** Experimental Biology and Medicine (Maywood, NJ, United States) (2005), 230(11), 829-835. CODEN: EBMMBE ISSN:1535-3702. CAN 144:387063 AN 2005:1326178 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 72:

Tamura, Masahiro; Nakao, Hiroshi; Yoshizaki, Hideo; Shiratsuchi, Masami; Shigyo, Hiromichi; Yamada, Hajime; Ozawa, Takatoshi; Totsuka, Junko; Hidaka, Hiroyoshi. **Development of specific Rho-kinase inhibitors and their clinical application.** Biochimica et Biophysica Acta, Proteins and Proteomics (2005), 1754(1-2), 245-252. CODEN: BBAPBW ISSN:1570-9639. CAN 144:80387 AN 2005:1323186 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 73:

Hunter, Tony; Schulman, Howard. **CaMKII structure - an elegant design.** Cell (Cambridge, MA, United States) (2005), 123(5), 765-767. CODEN: CELLB5 ISSN:0092-8674. CAN 144:33374 AN 2005:1314661 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 74:

Kabala, Katarzyna; Klobus, Grazyna. **Plant Ca2+-ATPases.** Acta Physiologiae Plantarum (2005), 27(4A), 559-574. CODEN: APPLDE ISSN:0137-5881. CAN 144:406810 AN 2005:1313137 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 75:

Santella, L.; Ercolano, E.; Nusco, G. A. **The cell cycle: A new entry in the field of Ca2+ signaling.** Cellular and Molecular Life Sciences (2005), 62(21), 2405-2413. CODEN: CMLSF1 ISSN:1420-682X. CAN 144:462689 AN 2005:1284202 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 76:

Sobie, Eric A.; Guatimosim, Silvia; Gomez-Viquez, Leticia; Song, Long-Sheng; Hartmann, Hali; Saleet Jafri, M.; Lederer, W. J. **The Ca₂₊ leak paradox and "rogue ryanodine receptors": SR Ca₂₊ efflux theory and practice.** Progress in Biophysics & Molecular Biology (2006), 90(1-3), 172-185. CODEN: PBIMAC ISSN:0079-6107. CAN 144:308657 AN 2005:1276047 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 77:

Cens, T.; Rousset, M.; Leyris, J.-P.; Fesquet, P.; Charnet, P. **Voltage- and calcium-dependent inactivation in high voltage-gated Ca₂₊ channels.** Progress in Biophysics & Molecular Biology (2006), 90(1-3), 104-117. CODEN: PBIMAC ISSN:0079-6107. CAN 145:2665 AN 2005:1276041 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 78:

Kelly, Kathleen. **The RGK family: a regulatory tail of small GTP-binding proteins.** Trends in Cell Biology (2005), 15(12), 640-643. CODEN: TCBIEK ISSN:0962-8924. CAN 144:427404 AN 2005:1274661 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 79:

Lakshmikuttyamma, Ashakumary; Selvakumar, Ponniah; Sharma, Anil Ratan; Sharma, Rajendra K. **Involvement of calcineurin in ischemic myocardial damage.** International Journal of Angiology (2005), 14(1), 1-6. CODEN: IJAGE5 ISSN:1061-1711. CAN 144:230230 AN 2005:1271198 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 80:

McLaughlin, Stuart; Murray, Diana. **Plasma membrane phosphoinositide organization by protein electrostatics.** Nature (London, United Kingdom) (2005), 438(7068), 605-611. CODEN: NATUAS ISSN:0028-0836. CAN 144:18199 AN 2005:1259133 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 81:

Dogrell, Sheila A. **Calmodulin kinase II as a target for inhibition in cardiac disease.** Expert Opinion on Therapeutic Targets (2005), 9(6), 1319-1321. CODEN: EOTTAO ISSN:1472-8222. CAN 144:342853 AN 2005:1257186 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 82:

Merrill, Michelle A.; Chen, Yucui; Strack, Stefan; Hell, Johannes W. **Activity-driven postsynaptic translocation of CaMKII.** Trends in Pharmacological Sciences (2005), 26(12), 645-653. CODEN: TPHSDY ISSN:0165-6147. CAN 144:45579 AN 2005:1233095 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 83:

Gul, Waseem; Hamann, Mark T. **Indole alkaloid marine natural products: An established source of cancer drug leads with considerable promise for the control of parasitic, neurological and other diseases.** Life Sciences (2005), 78(5), 442-453. CODEN: LIFSAK ISSN:0024-3205. CAN 144:44891 AN 2005:1230084 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 84:

Mattiazzi, Alicia; Mundina-Weilenmann, Cecilia; Chu, Guoxiang; Vittone, Leticia; Kranias, Evangelia. **Role of phospholamban phosphorylation on Thr17 in cardiac physiological and pathological conditions.** Cardiovascular Research (2005), 68(3), 366-375. CODEN: CVREAU ISSN:0008-6363. CAN 144:85174 AN 2005:1209034 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 85:

Vas, Adam; Gulyas, Balazs. **Eburnamine derivatives and the brain.** Medicinal Research Reviews (2005), 25(6), 737-757. CODEN: MRREDD ISSN:0198-6325. CAN 144:204951 AN 2005:1208997 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 86:

Iyanagi, Takashi. **Structure and function of NADPH-cytochrome P450 reductase and nitric oxide synthase reductase domain.** Biochemical and Biophysical Research Communications (2005), 338(1), 520-528. CODEN: BBRCA9 ISSN:0006-291X. CAN 143:434557 AN 2005:1187046 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 87:

Leblanc, Normand; Ledoux, Jonathan; Saleh, Sohag; Sanguinetti, Amy; Angermann, Jeff; O'Driscoll, Kate; Britton, Fiona; Perrino, Brian A.; Greenwood, Iain A. **Regulation of calcium-activated chloride channels in smooth muscle cells: A complex picture is emerging.** Canadian Journal of Physiology and Pharmacology (2005), 83(7), 541-556. CODEN: CJPAP3 ISSN:0008-4212. CAN 144:188499 AN 2005:1183223 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 88:

Boehm, J.; Malinow, R. **AMPA receptor phosphorylation during synaptic plasticity.** Biochemical Society Transactions (2005), 33(6), 1354-1356. CODEN: BCSTB5 ISSN:0300-5127. CAN 144:713 AN 2005:1149238 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 89:

Liu, Yewei; Shen, Tiansheng; Randall, William R.; Schneider, Martin F. **Signaling pathways in**

Calmodulin for Abdullah

activity-dependent fiber type plasticity in adult skeletal muscle. Journal of Muscle Research and Cell Motility (2005), 26(1), 13-21. CODEN: JMRMD3 ISSN:0142-4319. CAN 144:229696 AN 2005:1148670 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 90:

Dobransky, Tomas; Rylett, R. Jane. **A model for dynamic regulation of choline acetyltransferase by phosphorylation.** Journal of Neurochemistry (2005), 95(2), 305-313. CODEN: JONRA9 ISSN:0022-3042. CAN 143:399944 AN 2005:1133947 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 91:

Das, Shankar B.; Sharma, Rajendra K. **Potential role of calmodulin-dependent phosphodiesterase in human brain tumor (Review).** Oncology Reports (2005), 14(4), 1059-1063. CODEN: OCRPEW ISSN:1021-335X. CAN 144:147446 AN 2005:1133583 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 92:

Monteiro, D.; Castanho Coelho, P.; Rodrigues, C.; Camacho, L.; Quader, H.; Malho, R. **Modulation of endocytosis in pollen tube growth by phosphoinositides and phospholipids.** Protoplasma (2005), 226(1-2), 31-38. CODEN: PROTA5 ISSN:0033-183X. CAN 145:372646 AN 2005:1122543 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 93:

Gupta, Anshu; Gupta, Puneet Kumar; Jain, Subheet; Moudgil, Pranab; Tiwary, Ashok Kumar. **Modulation of intrasperm Ca²⁺: A possible maneuver for spermicidal activity.** Drug Development Research (2005), 65(1), 1-16. CODEN: DDREDK ISSN:0272-4391. CAN 143:416367 AN 2005:1121026 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 94:

Maier, L. S. **CaMKII δ overexpression in hypertrophy and heart failure: Cellular consequences for excitation-contraction coupling.** Brazilian Journal of Medical and Biological Research (2005), 38(9), 1293-1302. CODEN: BJMRDK ISSN:0100-879X. CAN 144:126015 AN 2005:1104450 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 95:

Verhaert, Jan; Vanderleyden, Jos; Michiels, Jan. **Bacterial Endocytic Systems in Plants and Animals: Ca²⁺ as a Common Theme?** Critical Reviews in Plant Sciences (2005), 24(4), 283-308. CODEN: CRPSD3 ISSN:0735-2689. CAN 144:346459 AN 2005:1093008 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 96:

Kiselyov, Kirill; Kim, Joo Young; Zeng, Weizhong; Muallem, Shmuel. **Protein-protein interaction and function TRPC channels.** Pfluegers Archiv (2005), 451(1), 116-124. CODEN: PFLABK ISSN:0031-6768. CAN 144:326347 AN 2005:1069961 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 97:

Beech, David J. **TRPC1: store-operated channel and more.** Pfluegers Archiv (2005), 451(1), 53-60. CODEN: PFLABK ISSN:0031-6768. CAN 143:456505 AN 2005:1069944 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 98:

Zhu, Michael Xi. **Multiple roles of calmodulin and other Ca²⁺-binding proteins in the functional regulation of TRP channels.** Pfluegers Archiv (2005), 451(1), 105-115. CODEN: PFLABK ISSN:0031-6768. CAN 144:326343 AN 2005:1069936 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 99:

Lee, Amy; Catterall, William A. **Ca²⁺-dependent modulation of voltage-gated Ca²⁺ channels.** Voltage-Gated Calcium Channels (2005), 183-193. CODEN: 69HKOE CAN 144:462658 AN 2005:1053370 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 100:

Uversky, Vladimir N.; Oldfield, Christopher J.; Dunker, A. Keith. **Showing your ID: Intrinsic disorder as an ID for recognition, regulation and cell signaling.** Journal of Molecular Recognition (2005), 18(5), 343-384. CODEN: JMOR4 ISSN:0952-3499. CAN 144:406390 AN 2005:1043539 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 101:

Sharma, Rajendra K. **Assay and purification of Calmodulin-dependent cyclic nucleotide phosphodiesterase and isozyme separation.** Methods in Molecular Biology (Totowa, NJ, United States) (2005), 312(Calcium Signaling Protocols (2nd Edition)), 325-342. CODEN: MMBIED ISSN:1064-3745. CAN 144:82830 AN 2005:1037641 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 102:

Sharma, Rajendra K. **Assay and purification of a calmodulin-dependent protein kinase.** Methods in Molecular Biology (Totowa, NJ, United States) (2005), 312(Calcium Signaling Protocols (2nd Edition)), 305-324. CODEN: MMBIED ISSN:1064-3745. CAN 144:82829 AN 2005:1037639 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 103:

Yamauchi, Takashi. **Neuronal Ca²⁺/calmodulin-dependent protein kinase II-discovery, progress in a quarter of a century, and perspective: Implication for learning and memory.** Biological & Pharmaceutical Bulletin (2005), 28(8), 1342-1354. CODEN: BPBLEO ISSN:0918-6158. CAN 143:383292 AN 2005:1018020 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 104:

Gardiner, Elizabeth E.; Arthur, Jane F.; Berndt, Michael C.; Andrews, Robert K. **Role of calmodulin in platelet receptor function.** Current Medicinal Chemistry: Cardiovascular & Hematological Agents (2005), 3(4), 283-287. CODEN: CMCCDP ISSN:1568-0169. CAN 143:343423 AN 2005:1017913 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 105:

Bers, Donald M.; Guo, Tao. **Calcium signaling in cardiac ventricular myocytes.** Annals of the New York Academy of Sciences (2005), 1047(Communicative Cardiac Cell), 86-98. CODEN: ANYAA9 ISSN:0077-8923. CAN 143:383287 AN 2005:1010641 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 106:

Kohn, Aimee D.; Moon, Randall T. **Wnt and calcium signaling: β -Catenin-independent pathways.** Cell Calcium (2005), 38(3-4), 439-446. CODEN: CECADV ISSN:0143-4160. CAN 143:363847 AN 2005:989627 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 107:

Plattner, Helmut; Kissmehl, Roland. **Molecular aspects of rapid, reversible, Ca²⁺-dependent de-phosphorylation of pp63/parafusin during stimulated exo-endocytosis in Paramecium cells.** Cell Calcium (2005), 38(3-4), 319-327. CODEN: CECADV ISSN:0143-4160. CAN 144:19287 AN 2005:989615 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 108:

Vangheluwe, Peter; Raeymaekers, Luc; Dode, Leonard; Wuytack, Frank. **Modulating sarco(endo)plasmic reticulum Ca²⁺ ATPase 2 (SERCA2) activity: Cell biological implications.** Cell Calcium (2005), 38(3-4), 291-302. CODEN: CECADV ISSN:0143-4160. CAN 143:322766 AN 2005:989612 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 109:

Guerini, Danilo; Coletto, Luisa; Carafoli, Ernesto. **Exporting calcium from cells.** Cell Calcium (2005), 38(3-4), 281-289. CODEN: CECADV ISSN:0143-4160. CAN 143:343408 AN 2005:989611 CAPLUS

Calmodulin for Abdullah

(Copyright (C) 2006 ACS on SciFinder (R))

Answer 110:

Morad, Martin; Soldatov, Nikolai. **Calcium channel inactivation: Possible role in signal transduction and Ca²⁺ signaling.** Cell Calcium (2005), 38(3-4), 223-231. CODEN: CECADV ISSN:0143-4160. CAN 143:322765 AN 2005:989606 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 111:

Franklin, Sonya J.; Welch, Joel T. **The helix-turn-helix as a scaffold for chimeric nuclease design.** Comments on Inorganic Chemistry (2005), 26(3-4), 127-164. CODEN: COICDZ ISSN:0260-3594. CAN 144:406787 AN 2005:984524 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 112:

Birnbaum, Morris J. **Activating AMP-activated protein kinase without AMP.** Molecular Cell (2005), 19(3), 289-290. CODEN: MOCEFL ISSN:1097-2765. CAN 143:341146 AN 2005:977178 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 113:

Rose, Adam J.; Richter, Erik A. **Skeletal muscle glucose uptake during exercise: how is it regulated?** Physiology (2005), 20(August), 260-270. CODEN: PHYSCI ISSN:1548-9213. CAN 143:363842 AN 2005:970581 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 114:

Garg, Minakshi; Garg, P.; Mishra, D.; Jain, S.; Agashe, H.; Jain, A. P.; Jain, N. K. **Psoriasis: Treatment with calcipotriol.** Indian Journal of Pharmaceutical Sciences (2005), 67(3), 283-291. CODEN: IJSIDW ISSN:0250-474X. CAN 143:472263 AN 2005:966257 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 115:

Gresshoff, Peter M. **Positional cloning of plant developmental genes.** Handbook of Plant Genome Mapping (2005), 233-256. CODEN: 69HFIR CAN 144:247797 AN 2005:965238 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 116:

Chin, Eva R. **Role of Ca²⁺/calmodulin-dependent kinases in skeletal muscle plasticity.** Journal of Applied Physiology (2005), 99(2), 414-423. CODEN: JAPHEV ISSN:8750-7587. CAN 144:104374 AN 2005:942903 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 117:

Tomas-Zapico, Cristina; Coto-Montes, Ana. **A proposed mechanism to explain the stimulatory effect of melatonin on antioxidative enzymes.** Journal of Pineal Research (2005), 39(2), 99-104. CODEN: JPRSE9 ISSN:0742-3098. CAN 143:299197 AN 2005:890031 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 118:

Wu, Hai-Yan; Matsui, Hideki; Tomizawa, Kazuhito. **Crosstalk between calpain and calcineurin in excitotoxic neurodegeneration; therapeutic targets for the treatment of excitotoxic neurodegeneration.** Current Medicinal Chemistry: Central Nervous System Agents (2005), 5(3), 207-216. CODEN: CMCCCO ISSN:1568-0150. CAN 143:278162 AN 2005:890009 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 119:

Loughlin, John. **Polymorphism in signal transduction is a major route through which osteoarthritis susceptibility is acting.** Current Opinion in Rheumatology (2005), 17(5), 629-633. CODEN: CORHES ISSN:1040-8711. CAN 144:84912 AN 2005:720298 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 120:

Rodriguez-Mora, Oswaldo; LaHair, Michelle M.; Howe, Christopher J.; McCubrey, James A.; Franklin, Richard A. **Calcium/calmodulin-dependent protein kinases as potential targets in cancer therapy.** Expert Opinion on Therapeutic Targets (2005), 9(4), 791-808. CODEN: EOTTAO ISSN:1472-8222. CAN 143:451827 AN 2005:693614 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 121:

Wang, Ping; Heitman, Joseph. **The cyclophilins.** GenomeBiology (2005), 6(7), No pp. given. CODEN: GNBLFW ISSN:1465-6914. CAN 143:454433 AN 2005:693202 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 122:

Mizuno, Keiko; Giese, Karl Peter. **Hippocampus-dependent memory formation: Do memory type-specific mechanisms exist?** Journal of Pharmacological Sciences (Tokyo, Japan) (2005), 98(3), 191-197. CODEN: JPSTGJ ISSN:1347-8613. CAN 143:169868 AN 2005:689209 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 123:

Suh, Young-Ger; Oh, Uhtaek. **Activation and activators of TRPV1 and their pharmaceutical implication.** Current Pharmaceutical Design (2005), 11(21), 2687-2698. CODEN: CPDEFP ISSN:1381-6128. CAN

Calmodulin for Abdullah

143:259272 AN 2005:688818 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 124:

McCormack, Elizabeth; Tsai, Yu-Chang; Braam, Janet. **Handling calcium signaling: Arabidopsis CaMs and CMLs.** Trends in Plant Science (2005), 10(8), 383-389. CODEN: TPSCF9 ISSN:1360-1385. CAN 144:81496 AN 2005:684507 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 125:

Xie, Cui-Wei. **Calcium-regulated signaling pathways. Role in amyloid β -induced synaptic dysfunction.** NeuroMolecular Medicine (2004), 6(1), 53-64. CODEN: NMEEAN ISSN:1535-1084. CAN 143:226808 AN 2005:669769 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 126:

Aracena, Paula; Hidalgo, Cecilia; Hamilton, Susan L. **RYR1 modulation by calmodulin. Effects of protein-protein interaction and redox modification.** Developments in Cardiovascular Medicine (2005), 254(Ryanodine Receptors), 163-168. CODEN: DCMEDM ISSN:0166-9842. CAN 143:401238 AN 2005:669206 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 127:

Bers, Donald M.; Ginsburg, Kenneth S. **Ca²⁺ release from the sarcoplasmic reticulum in intact cardiomyocytes.** Developments in Cardiovascular Medicine (2005), 254(Ryanodine Receptors), 99-109. CODEN: DCMEDM ISSN:0166-9842. CAN 144:48488 AN 2005:669200 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 128:

Sharma, Varsha; Babu, P. Prakash. **Nature's gift: dendrites.** Annals of Neurosciences (2004), 11(2), 39-48. CODEN: ANNEF5 CAN 143:169862 AN 2005:651332 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 129:

Harper, Jeffrey F.; Harmon, Alice. **Plants, symbiosis and parasites: A calcium signalling connection.** Nature Reviews Molecular Cell Biology (2005), 6(7), 555-566. CODEN: NRMCBP ISSN:1471-0072. CAN 143:263440 AN 2005:617212 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 130:

Bouche, Nicolas; Yellin, Ayelet; Snedden, Wayne A.; Fromm, Hillel. **Plant-specific calmodulin-binding proteins.** Annual Review of Plant Biology (2005), 56 435-466. CODEN: ARPBDW CAN 143:363303 AN 2005:602904 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 131:

Netticadan, Thomas; Temsah, Rana M.; Dhalla, Naranjan S. **Sarcoplasmic reticulum gene expression of Ca²⁺-cycling protein as a target for the treatment of heart failure.** Progress in Experimental Cardiology (2003), 5(Cardiac Remodeling and Failure), 103-121. CODEN: PEXCFF ISSN:1389-1774. CAN 143:125674 AN 2005:584577 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 132:

Fatima, Soghra; Yaghini, Fariboz A.; Malik, Kafait U. **Cytosolic phospholipase A2 translocation to the nuclear envelope by neurohumoral agents in vascular endothelial and smooth muscle cells.** Biochemistry of Lipids in Vascular Function (2004), 47-61. CODEN: 69GWM9 CAN 143:56994 AN 2005:481288 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 133:

Ferguson, Gregory D.; Storm, Daniel R. **Why calcium-stimulated adenylyl cyclases?** Physiology (2004), 19(October), 271-276. CODEN: PHYSCI ISSN:1548-9213. CAN 143:23405 AN 2005:458498 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 134:

Juvvadi, Praveen Rao; Chivukula, Subramanyam. **The emerging role of calcium and calmodulin in the regulation of fungal growth, development and metabolism.** Recent Research Developments in Microbiology (2004), 8 161-199. CODEN: RDMIFR CAN 143:362924 AN 2005:433304 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 135:

Niessen, L.; Schmidt, H.; Muehlencoert, E.; Faerber, P.; Karolewiez, A.; Geisen, R. **Advances in the molecular diagnosis of ochratoxin A-producing fungi.** Food Additives & Contaminants (2005), 22(4), 324-334. CODEN: FACOEB ISSN:0265-203X. CAN 143:171434 AN 2005:420805 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 136:

Sessa, William C. **Regulation of endothelial derived nitric oxide in health and disease.** Memorias do Instituto Oswaldo Cruz (2005), 100(Suppl. 1), 15-18. CODEN: MIOCAS ISSN:0074-0276. CAN 143:4502 AN 2005:407333 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 137:

Zhang, Liang; Said-Al-Naief, Nasser; Feng, Xu; McDonald, Jay M. **Osteoclastogenesis: the role of calcium and calmodulin.** Critical Reviews in Eukaryotic Gene Expression (2005), 15(1), 1-13. CODEN: CRGEEJ

Calmodulin for Abdullah

ISSN:1045-4403. CAN 142:444857 AN 2005:381172 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 138:

Taleb, Fawzi; Fromm, Hillel. **Calcium/calmodulin-binding transcription activators in plants and animals.** SEB Symposium Series (2004), 56(Nuclear Envelope), 297-315. CODEN: SSSECM CAN 143:434179 AN 2005:349417 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 139:

Lamotte, Olivier; Courtois, Cecile; Barnavon, Laurent; Pugin, Alain; Wendehenne, David. **Nitric oxide in plants: the biosynthesis and cell signalling properties of a fascinating molecule.** Planta (2005), 221(1), 1-4. CODEN: PLANAB ISSN:0032-0935. CAN 143:93905 AN 2005:339700 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 140:

Ratz, Paul H.; Berg, Krystina M.; Urban, Nicole H.; Miner, Amy S. **Regulation of smooth muscle calcium sensitivity: KCl as a calcium-sensitizing stimulus.** American Journal of Physiology (2005), 288(4, Pt. 1), C769-C783. CODEN: AJPHAP ISSN:0002-9513. CAN 142:352439 AN 2005:337976 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 141:

Bolsover, Stephen R. **Calcium signalling in growth cone migration.** Cell Calcium (2005), 37(5), 395-402. CODEN: CECADV ISSN:0143-4160. CAN 142:458643 AN 2005:331034 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 142:

Abriel, Hugues; Kass, Robert S. **Regulation of the Voltage-Gated Cardiac Sodium Channel Nav1.5 by Interacting Proteins.** Trends in Cardiovascular Medicine (2005), 15(1), 35-40. CODEN: TCMDEQ ISSN:1050-1738. CAN 143:112585 AN 2005:322077 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 143:

Kammer, Gary M. **Altered regulation of IL-2 production in systemic lupus erythematosus: an evolving paradigm.** Journal of Clinical Investigation (2005), 115(4), 836-840. CODEN: JCINAO ISSN:0021-9738. CAN 142:428249 AN 2005:318638 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 144:

Medvedev, S. S. **Calcium signaling system in plants.** Russian Journal of Plant Physiology (2005), 52(2), 249-270. CODEN: RJPPE2 ISSN:1021-4437. CAN 143:342712 AN 2005:313187 CAPLUS (Copyright (C)

Calmodulin for Abdullah

2006 ACS on SciFinder (R))

Answer 145:

Panstruga, R. **Serpentine plant MLO proteins as entry portals for powdery mildew fungi.** Biochemical Society Transactions (2005), 33(2), 389-392. CODEN: BCSTB5 ISSN:0300-5127. CAN 143:74775 AN 2005:291037 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 146:

Zheng, Ming; Han, Qide; Xiao, Ruiping. **Distinct β -adrenergic receptor subtype signaling in heart and their pathophysiological relevance.** Shengli Xuebao (2004), 56(1), 1-15. CODEN: SLHPAH ISSN:0371-0874. CAN 144:20385 AN 2005:285819 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 147:

Yano, Shigetoshi; Morioka, Motohiro; Kuratsu, Jun-ichi; Fukunaga, Kohji. **Role of calcium/calmodulin-dependent protein kinases in ischemic neuronal death.** Journal of Pharmacological Sciences (Tokyo, Japan) (2005), 97(3), 351-354. CODEN: JPSTGJ ISSN:1347-8613. CAN 142:314031 AN 2005:285065 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 148:

Xia, Zhengui; Storm, Daniel R. **The role of calmodulin as a signal integrator for synaptic plasticity.** Nature Reviews Neuroscience (2005), 6(4), 267-276. CODEN: NRNAAN ISSN:1471-003X. CAN 142:349178 AN 2005:282838 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 149:

Clemens, Mark G.; Paxian, Markus; Kamoun, Walid; Ashburn, Jean; Kresge, M. Nicole; Merkel, Sandra. **Regulation of local hepatic oxygen delivery following stress.** Keio University International Symposia for Life Sciences and Medicine (2005), 13(Organ Microcirculation), 147-154. CODEN: KUISB7 CAN 142:404358 AN 2005:265621 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 150:

Hirasawa, Eiji; Yoshida, Izumi; Tarui, Yutaka; Livingstone, Jeyanthi Rebecca. **Photoresponse of key enzymes of polyamine biosynthesis in higher plants.** Current Topics in Plant Biology (2003), 4 109-116. CODEN: CTPBF2 CAN 143:282549 AN 2005:265476 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 151:

Forst, T.; Kunt, T. **Effects of C-peptide on microvascular blood flow and blood hemorheology.** Experimental Diabesity Research (2004), 5(1), 51-64. CODEN: EDRXAH ISSN:1543-8600. CAN 142:404354

Calmodulin for Abdullah

AN 2005:260630 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 152:

Anderson, Mark E. **Calmodulin kinase signaling in heart: an intriguing candidate target for therapy of myocardial dysfunction and arrhythmias.** Pharmacology & Therapeutics (2005), 106(1), 39-55. CODEN: PHTHDT ISSN:0163-7258. CAN 142:441075 AN 2005:255624 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 153:

Harnett, Karen M.; Cao, Weibiao; Biancani, Piero. **Signal-transduction pathways that regulate smooth muscle function I. Signal transduction in phasic (esophageal) and tonic (gastroesophageal sphincter) smooth muscles.** American Journal of Physiology (2005), 288(3, Pt. 1), G407-G416. CODEN: AJPHAP ISSN:0002-9513. CAN 142:277127 AN 2005:246925 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 154:

Zhuo, Min. **Central plasticity in pathological pain.** Novartis Foundation Symposium (2004), 261(Pathological Pain), 132-148. CODEN: NFSYF7 ISSN:1528-2511. CAN 143:264138 AN 2005:214992 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 155:

Goraya, Tasmina A.; Cooper, Dermot M. F. **Ca²⁺-calmodulin-dependent phosphodiesterase (PDE1): Current perspectives.** Cellular Signalling (2005), 17(7), 789-797. CODEN: CESIEY ISSN:0898-6568. CAN 142:460510 AN 2005:214051 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 156:

Johnson, Carey K.; Osborn, Kenneth D.; Allen, Michael W.; Slaughter, Brian D. **Single-molecule fluorescence spectroscopy: new probes of protein function and dynamics.** Physiology (2005), 20(February), 10-14. CODEN: PHYSCI ISSN:1548-9213. CAN 143:129115 AN 2005:176891 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 157:

Miyawaki, Atsushi; Nagai, Takeharu; Mizuno, Hideaki. **Genetic probe for calcium dynamics.** Imaging in Neuroscience and Development (2005), 579-588. CODEN: 69GMMD CAN 143:208282 AN 2005:152040 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 158:

Kusner, David J. **Mechanisms of mycobacterial persistence in tuberculosis.** Clinical Immunology (San

Calmodulin for Abdullah

Diego, CA, United States) (2005), 114(3), 239-247. CODEN: CLIIFY ISSN:1521-6616. CAN 142:314771 AN 2005:148773 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 159:

Mourez, M. **Anthrax toxins.** Reviews of Physiology, Biochemistry and Pharmacology (2005), Volume Date 2004, 152 135-164. CODEN: RPBEA5 ISSN:0303-4240. CAN 142:350128 AN 2005:142406 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 160:

Pette, Dirk. **Activity-dependent adaptive responses of skeletal muscle fibers.** Molecular and Cellular Exercise Physiology (2005), 263-275, 418-423. CODEN: 69GME5 CAN 143:23378 AN 2005:128799 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 161:

Waxman, Elisa A.; Lynch, David R. **N-Methyl-D-aspartate receptor subtypes: multiple roles in excitotoxicity and neurological disease.** Neuroscientist (2005), 11(1), 37-49. CODEN: NROSFJ ISSN:1073-8584. CAN 143:94528 AN 2005:128609 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 162:

Golub, Tamara; Caroni, Pico. **Spatial control of actin-based motility through plasmalemmal PtdIns(4,5)P₂-rich raft assemblies.** Biochemical Society Symposia (2005), 72(Lipids, Rafts and Traffic), 119-127. CODEN: BSSYAT ISSN:0067-8694. CAN 143:281073 AN 2005:119594 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 163:

Schumacher, Maria A. **Gating domain of calcium-activated potassium channel with calcium and calmodulin.** Handbook of Metalloproteins (2004), 3 471-488. CODEN: 69GLK8 CAN 143:39594 AN 2005:112377 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 164:

Yap, Kyoko L.; Ikura, Mitsuhiro. **Calmodulin.** Handbook of Metalloproteins (2004), 3 447-458. CODEN: 69GLK8 CAN 143:55033 AN 2005:112375 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 165:

Bachmann, Malte; Moeroey, Tarik. **The serine/threonine kinase Pim-1.** International Journal of Biochemistry & Cell Biology (2005), 37(4), 726-730. CODEN: IJBBFU ISSN:1357-2725. CAN 142:406370 AN 2005:106124 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 166:

Reuter, Harald. **Voltage-sensitive Ca²⁺ channels.** Encyclopedia of Biological Chemistry (2004), 4 405-408. CODEN: 69GLBX CAN 143:21512 AN 2005:104169 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 167:

Marletta, Michael A. **Nitric oxide signaling.** Encyclopedia of Biological Chemistry (2004), 3 62-65. CODEN: 69GLBX CAN 142:194777 AN 2005:103966 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 168:

Robison, J.; Colbran, Roger J. **Calcium/calmodulin-dependent protein kinases.** Encyclopedia of Biological Chemistry (2004), 1 281-286. CODEN: 69GLBX CAN 142:387984 AN 2005:103717 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 169:

Hudmon, Andy; Schulman, Howard. **Calcium/calmodulin-dependent protein kinase II.** Encyclopedia of Biological Chemistry (2004), 1 274-280. CODEN: 69GLBX CAN 142:387983 AN 2005:103716 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 170:

Wang, Zhi-Qiang; Stuehr, Dennis J. **Calcium signaling: NO synthase.** Encyclopedia of Biological Chemistry (2004), 1 256-260. CODEN: 69GLBX CAN 142:387982 AN 2005:103712 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 171:

Klee, Claude; Ren, Hao; Li, Shipeng. **Calcium signaling: calmodulin-dependent phosphatase.** Encyclopedia of Biological Chemistry (2004), 1 241-245. CODEN: 69GLBX CAN 143:21488 AN 2005:103709 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 172:

Takai, Noriyuki; Ueda, Tami; Nishida, Masakazu; Nasu, Kaei; Miyakawa, Isao. **Clinical relevance of oncogenes overexpression in endometrial carcinoma.** Recent Research Developments in Cancer (2004), 6(Pt. 1), 163-178. CODEN: RRDCCP CAN 143:57344 AN 2005:90377 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 173:

Fehr, M.; Okumoto, S.; Deuschle, K.; Lager, I.; Looger, L. L.; Persson, J.; Kozhukh, L.; Lalonde, S.; Frommer, W. B. **Development and use of fluorescent nanosensors for metabolite imaging in living cells.** Biochemical Society Transactions (2005), 33(1), 287-290. CODEN: BCSTB5 ISSN:0300-5127. CAN 143:93195 AN 2005:89847 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 174:

Dose, Andrea; Lin-Jones, Jennifer; Burnside, Beth. **Myosin III in photoreceptors: what does it do?** Recent Advances in Human Biology (2004), 10(Photoreceptor Cell Biology and Inherited Retinal Degenerations), 133-162. CODEN: RAHBFS CAN 142:443327 AN 2005:86080 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 175:

Sadee, Wolfgang; Wang, Danxin; Bilsky, Edward J. **Basal opioid receptor activity, neutral antagonists, and therapeutic opportunities.** Life Sciences (2005), 76(13), 1427-1437. CODEN: LIFSAK ISSN:0024-3205. CAN 142:290524 AN 2005:70062 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 176:

Bigelow, Diana J.; Squier, Thomas C. **Redox modulation of cellular signaling and metabolism through reversible oxidation of methionine sensors in calcium regulatory proteins.** Biochimica et Biophysica Acta, Proteins and Proteomics (2005), 1703(2), 121-134. CODEN: BBAPBW ISSN:1570-9639. CAN 142:194761 AN 2005:69783 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 177:

Blitzer, Robert D.; Iyengar, Ravi; Landau, Emmanuel M. **Postsynaptic signaling networks: Cellular cogwheels underlying long-term plasticity.** Biological Psychiatry (2005), 57(2), 113-119. CODEN: BIPCBF ISSN:0006-3223. CAN 143:4473 AN 2005:49203 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 178:

Subramanyam, C. **Calcineurin as a putative biomarker of oxidative stress and disease.** Radiobiology and Bio-Medical Research (2004), 17-21. CODEN: 69GJN5 CAN 142:313980 AN 2005:43480 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 179:

Caride, Ariel Jose. **Activation kinetics of different variants of the plasma membrane calcium pump. Its importance during Ca²⁺ signaling.** Recent Research Developments in Membrane Biology (2002), 1

Calmodulin for Abdullah

75-86. CODEN: RRDMJS CAN 142:351015 AN 2005:42397 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 180:

Nunomura, Wataru; Takakuwa, Yuichi. **Protein 4.1 as a modulator of membrane skeletal organization and function of erythrocyte.** Recent Developments in Cell Research (2003), 1 67-76. CODEN: RDCRD2 CAN 142:173669 AN 2005:42383 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 181:

Ferrero, R.; Rodriguez-Pascual, F.; Jurado, S.; Torres, M. **Biochemical and pharmacological characterization of the NO/cyclic GMP pathway in bovine chromaffin cells: physiological cGMP-mediated effects.** Recent Research Developments in Molecular Pharmacology (2002), 1 1-19. CODEN: RRDMMV CAN 142:152354 AN 2005:42344 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 182:

Cammarota, Martin; Medina, Jorge H. **CaMKinase II.** From Messengers to Molecules (2004), 411-424. CODEN: 69GIN2 CAN 142:215557 AN 2005:37461 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 183:

Martin-Nieto, Jose; Cusido-Hita, David M.; Li, Hongbing; Benguria, Alberto; Villalobo, Antonio. **Regulation of ErbB receptors by calmodulin.** Recent Research Developments in Biochemistry (2002), 3(Pt. 1), 41-58. CODEN: RRDBAK CAN 143:224183 AN 2005:32336 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 184:

Fukunaga, Kohji; Kamata, Akifumi; Abumiya, Maiko; Takeuchi, Yusuke. **Novel signaling of dopamine D2 receptor through CaMKII and MAPK activation in the central nervous system.** Recent Research Developments in Neurochemistry (2004), 7 109-118. CODEN: RRDNFR CAN 142:148873 AN 2005:24648 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 185:

Fukunaga, Kohji; Kasahara, Jiro; Miyamoto, Eishichi. **Differential role of CaM kinases II and IV activities in neuronal plasticity and memory.** Recent Research Developments in Neurochemistry (2002), 5 143-158. CODEN: RRDNFR CAN 142:173665 AN 2005:18846 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 186:

Richter, Peter; Ntefidou, Maria; Streb, Christine; Lebert, Michael; Haeder, Donat-Peter. **The role of reactive oxygen species (ROS) in signaling of light stress.** Recent Research Developments in Biochemistry

Calmodulin for Abdullah

(2003), 4(Pt. 2), 957-970. CODEN: RRDBAK CAN 142:257659 AN 2005:18786 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 187:

Naguro, Isao; Adachi-Akahane, Satomi; Ichijo, Hidenori. **Calcium signaling via voltage-dependent L-type Ca₂₊ channels.** Signal Transduction (2004), 4(5-6), 195-205. CODEN: STIRCI ISSN:1615-4053. CAN 142:350649 AN 2005:11045 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 188:

Waring, Paul. **Redox active calcium ion channels and cell death.** Archives of Biochemistry and Biophysics (2005), 434(1), 33-42. CODEN: ABBIA4 ISSN:0003-9861. CAN 142:110784 AN 2005:4499 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 189:

Leenders, A. G. Miriam; Sheng, Zu-Hang. **Modulation of neurotransmitter release by the second messenger-activated protein kinases: Implications for presynaptic plasticity.** Pharmacology & Therapeutics (2005), 105(1), 69-84. CODEN: PHTHDT ISSN:0163-7258. CAN 142:148855 AN 2005:3455 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 190:

Smith, Ross. **Moving molecules: mRNA trafficking in mammalian oligodendrocytes and neurons.** Neuroscientist (2004), 10(6), 495-500. CODEN: NROSFJ ISSN:1073-8584. CAN 142:90242 AN 2004:1123499 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 191:

Albert, Anthony P. **Activation of TRPC6 channel proteins: Evidence for an essential role of phosphorylation.** Journal of Physiology (Oxford, United Kingdom) (2004), 561(2), 354. CODEN: JPHYA7 ISSN:0022-3751. CAN 142:277086 AN 2004:1121521 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 192:

Li, Dongping; Chen, Liangbi; Li, Legong; Luan, Sheng. **Calcium Signal Transduction in Plant Cells.** Shengming Kexue Yanjiu (2004), 8(4), 283-293, 305. CODEN: SKY AFL ISSN:1007-7847. CAN 142:352036 AN 2004:1086336 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 193:

Bhattacharya, Shibani; Bunick, Christopher G.; Chazin, Walter J. **Target selectivity in EF-hand calcium binding proteins.** Biochimica et Biophysica Acta, Molecular Cell Research (2004), 1742(1-3), 69-79.

Calmodulin for Abdullah

CODEN: BBAMCO ISSN:0167-4889. CAN 142:88315 AN 2004:1067426 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 194:

Li, Huiying; Poulos, Thomas L. **Structure-function studies on nitric oxide synthases.** Journal of Inorganic Biochemistry (2005), 99(1), 293-305. CODEN: JIBIDJ ISSN:0162-0134. CAN 142:129515 AN 2004:1067273 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 195:

Miller, R. Timothy. **NO_x and R-NO_x: Effects on drug metabolism.** Current Drug Metabolism (2004), 5(6), 535-542. CODEN: CDMUBU ISSN:1389-2002. CAN 142:68404 AN 2004:1012880 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 196:

Jensen, Bo Skaaning; Jorgensen, Nanna Koschmieder. **IK channels-a molecular target for inhibition of erythrocyte dehydration in sickle cell anaemia.** Focus on Sickle Cell Research (2004), 193-213. CODEN: 69GEBC CAN 142:190027 AN 2004:1007254 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 197:

Weinberger, Adina; Gerst, Jeffrey E. **Regulation of SNARE assembly by protein phosphorylation.** Topics in Current Genetics (2004), 10(Regulatory Mechanisms of Intracellular Membrane Transport), 145-170. CODEN: TCGOAP ISSN:1610-2096. CAN 142:387656 AN 2004:997136 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 198:

Lee, Dexter L.; Webb, R. Clinton; Jin, Liming. **Hypertension and RhoA/Rho-Kinase Signaling in the Vasculature.** Hypertension (2004), 44(6), 796-799. CODEN: HPRTDN ISSN:0194-911X. CAN 142:35808 AN 2004:985608 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 199:

Griffith, Leslie C. **Regulation of calcium/calmodulin-dependent protein kinase II activation by intramolecular and intermolecular interactions. [Erratum to document cited in CA142:275799].** Journal of Neuroscience (2004), 24(41), 9212. CODEN: JNRSDS ISSN:0270-6474. CAN 142:406346 AN 2004:941805 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 200:

de Medina, Philippe; Favre, Gilles; Poirot, Marc. **Multiple targeting by the antitumor drug tamoxifen: A**

Calmodulin for Abdullah

structure-activity study. Current Medicinal Chemistry: Anti-Cancer Agents (2004), 4(6), 491-508. CODEN: CMCACI ISSN:1568-0118. CAN 141:360140 AN 2004:879075 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 201:

Elgersma, Ype; Sweatt, J. David; Giese, K. Peter. **Mouse genetic approaches to investigating calcium/calmodulin-dependent protein kinase II function in plasticity and cognition.** Journal of Neuroscience (2004), 24(39), 8410-8415. CODEN: JNRSDS ISSN:0270-6474. CAN 142:277050 AN 2004:847038 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 202:

Colbran, Roger J. **Protein phosphatases and calcium/calmodulin-dependent protein kinase II-dependent synaptic plasticity.** Journal of Neuroscience (2004), 24(39), 8404-8409. CODEN: JNRSDS ISSN:0270-6474. CAN 141:328945 AN 2004:847037 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 203:

Schulman, Howard. **Activity-dependent regulation of calcium/calmodulin-dependent protein kinase II localization.** Journal of Neuroscience (2004), 24(39), 8399-8403. CODEN: JNRSDS ISSN:0270-6474. CAN 142:275800 AN 2004:847036 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 204:

Griffith, Leslie C. **Regulation of calcium/calmodulin-dependent protein kinase II activation by intramolecular and intermolecular interactions.** Journal of Neuroscience (2004), 24(39), 8394-8398. CODEN: JNRSDS ISSN:0270-6474. CAN 142:275799 AN 2004:847035 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 205:

Griffith, Leslie C. **Calcium/calmodulin-dependent protein kinase II: An unforgettable kinase.** Journal of Neuroscience (2004), 24(39), 8391-8393. CODEN: JNRSDS ISSN:0270-6474. CAN 142:293334 AN 2004:847034 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 206:

Patel, Jawaharlal M.; Zhang, Jianliang; Li, Yong D.; Block, Edward R. **Calreticulin regulation of lung endothelial NOS activity.** Calreticulin (2nd Edition) (2003), 205-219. CODEN: 69FYG4 CAN 141:328942 AN 2004:841496 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 207:

Zierath, Juleen R.; Hawley, John A. **Skeletal muscle fiber type: influence on contractile and metabolic properties.** PLoS Biology (2004), 2(10), 1523-1527. CODEN: PBLIBG ISSN:1545-7885. CAN 142:277048 AN 2004:840242 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 208:

Evans, Christopher J. **Secrets of the opium poppy revealed.** Neuropharmacology (2004), 47(Suppl. 1), 293-299. CODEN: NEPHBW ISSN:0028-3908. CAN 141:342738 AN 2004:819258 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 209:

Wang, Fan. **Steering growth cones with a CaMKII/calcineurin switch.** Neuron (2004), 43(6), 760-762. CODEN: NERNET ISSN:0896-6273. CAN 141:290650 AN 2004:818802 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 210:

Noda, Yukihiro; Nabeshima, Toshitaka. **Opiate physical dependence and N-methyl-D-aspartate receptors.** European Journal of Pharmacology (2004), 500(1-3), 121-128. CODEN: EJPHAZ ISSN:0014-2999. CAN 141:342715 AN 2004:814685 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 211:

Endoh, Masao. **Force-frequency relationship in intact mammalian ventricular myocardium: physiological and pathophysiological relevance.** European Journal of Pharmacology (2004), 500(1-3), 73-86. CODEN: EJPHAZ ISSN:0014-2999. CAN 141:347281 AN 2004:814681 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 212:

Takai, Noriyuki; Ueda, Tami; Nishida, Masakazu; Nasu, Kaei; Miyakawa, Isao. **The relationship between oncogene expression and clinical outcome in endometrial carcinoma.** Current Cancer Drug Targets (2004), 4(6), 511-520. CODEN: CCDTB9 ISSN:1568-0096. CAN 142:152694 AN 2004:809682 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 213:

Sagami, I.; Sato, Y.; Shimizu, T. **Regulation of electron transfer in neuronal nitric-oxide synthase.** Cytochromes P450: Biochemistry, Biophysics and Drug Metabolism, International Conference on Cytochromes P450, 13th, Prague, Czech Republic, June 29-July 3, 2003 (2003), Meeting Date 2003, 87-91. CODEN: 69FTSZ CAN 142:193080 AN 2004:765626 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 214:

Bandyopadhyay, Jaya; Lee, Jungsoo; Bandyopadhyay, Arun. **Regulation of calcineurin, a calcium/calmodulin-dependent protein phosphatase, in C. elegans.** Molecules and Cells (2004), 18(1), 10-16. CODEN: MOCEEK ISSN:1016-8478. CAN 141:408784 AN 2004:762727 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 215:

Yamada, Kazuhiro. **Calcium binding to troponin C as a primary step of the regulation of contraction: A microcalorimetric approach.** Advances in Experimental Medicine and Biology (2003), 538(Molecular and Cellular Aspects of Muscle Contraction), 203-213. CODEN: AEMBAP ISSN:0065-2598. CAN 142:235012 AN 2004:748522 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 216:

Hoyt, M. A.; Coffino, P. **Ubiquitin-free routes into the proteasome.** Cellular and Molecular Life Sciences (2004), 61(13), 1596-1600. CODEN: CMSFI ISSN:1420-682X. CAN 142:213772 AN 2004:734774 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 217:

Rossi, Ana M.; Taylor, Colin W. **Ca²⁺ regulation of inositol 1,4,5-trisphosphate receptors: Can Ca²⁺ function without calmodulin? [Erratum to document cited in CA141:201764].** Molecular Pharmacology (2004), 66(3), 772. CODEN: MOPMA3 ISSN:0026-895X. CAN 142:275519 AN 2004:734749 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 218:

Wilkins, Benjamin J.; Molkentin, Jeffery D. **Calcium-calcineurin signaling in the regulation of cardiac hypertrophy.** Biochemical and Biophysical Research Communications (2004), 322(4), 1178-1191. CODEN: BBRCA9 ISSN:0006-291X. CAN 141:258241 AN 2004:713982 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 219:

Palczewski, Krzysztof; Sokal, Izabela; Baehr, Wolfgang. **Guanylate cyclase-activating proteins: structure, function, and diversity.** Biochemical and Biophysical Research Communications (2004), 322(4), 1123-1130. CODEN: BBRCA9 ISSN:0006-291X. CAN 141:255969 AN 2004:713975 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 220:

Kruuse, C.; Beavo, J. A. **Phosphodiesterases, cyclic nucleotides, and their role in migraine.** Frontiers

Calmodulin for Abdullah

in Headache Research (2004), 12(Preventive Pharmacotherapy of Headache Disorders), 256-265. CODEN: FHREE3 ISSN:1066-8322. CAN 142:35719 AN 2004:706160 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 221:

Akiba, Satoshi; Sato, Takashi. **Cellular function of calcium-independent phospholipase A2.** Biological & Pharmaceutical Bulletin (2004), 27(8), 1174-1178. CODEN: BPBLEO ISSN:0918-6158. CAN 142:71850 AN 2004:686811 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 222:

Hirabayashi, Tetsuya; Murayama, Toshihiko; Shimizu, Takao. **Regulatory mechanism and physiological role of cytosolic phospholipase A2.** Biological & Pharmaceutical Bulletin (2004), 27(8), 1168-1173. CODEN: BPBLEO ISSN:0918-6158. CAN 142:71849 AN 2004:686810 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 223:

Rodrigo, Regina; Montoliu, Carmina; Chatauret, Nicolas; Butterworth, Roger; Behrends, Soenke; Del Olmo, Juan A.; Serra, Miguel A.; Rodrigo, Jose M.; Erceg, Slaven; Felipo, Vicente. **Alterations in soluble guanylate cyclase content and modulation by nitric oxide in liver disease.** Neurochemistry International (2004), 45(6), 947-953. CODEN: NEUIDS ISSN:0197-0186. CAN 141:275042 AN 2004:677199 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 224:

Golombek, Diego A.; Agostino, Patricia V.; Plano, Santiago A.; Ferreyra, Gabriela A. **Signaling in the mammalian circadian clock: the NO/cGMP pathway.** Neurochemistry International (2004), 45(6), 929-936. CODEN: NEUIDS ISSN:0197-0186. CAN 141:222203 AN 2004:677197 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 225:

Ahuja, Nidhi; Kumar, Praveen; Bhatnagar, Rakesh. **The Adenylyl Cyclase Toxins.** Critical Reviews in Microbiology (2004), 30(3), 187-196. CODEN: CRVMAC ISSN:1040-841X. CAN 142:69965 AN 2004:674591 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 226:

Chin, Eva R. **The role of calcium and calcium/calmodulin-dependent kinases in skeletal muscle plasticity and mitochondrial biogenesis.** Proceedings of the Nutrition Society (2004), 63(2), 279-286. CODEN: PNUSA4 ISSN:0029-6651. CAN 141:311133 AN 2004:669528 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 227:

Ojuka, Edward O. **Role of calcium and AMP kinase in the regulation of mitochondrial biogenesis and GLUT4 levels in muscle.** Proceedings of the Nutrition Society (2004), 63(2), 275-278. CODEN: PNUSA4 ISSN:0029-6651. CAN 141:311132 AN 2004:669527 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 228:

Richter, Erik A.; Nielsen, Jakob N.; Jorgensen, Sebastian B.; Frosig, Christian; Birk, Jesper B.; Wojtaszewski, Jorgen F. P. **Exercise signalling to glucose transport in skeletal muscle.** Proceedings of the Nutrition Society (2004), 63(2), 211-216. CODEN: PNUSA4 ISSN:0029-6651. CAN 141:311125 AN 2004:669516 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 229:

Metz-Boutigue, Marie-Helene; Helle, Karen B.; Aunis, Dominique. **The innate immunity: Roles for new antifungal and antibacterial peptides secreted by chromaffin granules from the adrenal medulla.** Current Medicinal Chemistry: Immunology, Endocrine & Metabolic Agents (2004), 4(3), 169-177. CODEN: CMIC8 ISSN:1568-0134. CAN 141:364645 AN 2004:654101 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 230:

Morad, Martin; Chau, My. **Learning about cardiac calcium signaling from genetic engineering.** Annals of the New York Academy of Sciences (2004), 1015(Cardiac Engineering), 1-15. CODEN: ANYAA9 ISSN:0077-8923. CAN 141:188232 AN 2004:639554 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 231:

Du, Jing; Szabo, Steven T.; Gray, Neil A.; Manji, Husseini K. **Focus on CaMKII: a molecular switch in the pathophysiology and treatment of mood and anxiety disorders.** International Journal of Neuropsychopharmacology (2004), 7(3), 243-248. CODEN: IJNUFB ISSN:1461-1457. CAN 142:85542 AN 2004:635504 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 232:

Kimura, Hideo. **Hydrogen sulfide and the regulation of neuronal activities.** Signal Transduction and the Gasotransmitters (2004), 315-321. CODEN: 69FSHL CAN 141:254647 AN 2004:630321 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 233:

Krauser, Joel A.; Powers, James C. **Calpain.** Proteinase and Peptidase Inhibition (2002), 127-153. CODEN: 69FSNR CAN 142:129488 AN 2004:630278 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 234:

Maleknia, Simin D.; Wong, Jason W. H.; Downard, Kevin M. **Photochemical and electrophysical production of radicals on millisecond timescales to probe the structure, dynamics and interactions of proteins.** Photochemical & Photobiological Sciences (2004), 3(8), 741-748. CODEN: PPSHCB ISSN:1474-905X. CAN 142:235628 AN 2004:625068 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 235:

Rossi, Ana M.; Taylor, Colin W. **Ca²⁺ regulation of inositol 1,4,5-trisphosphate receptors: Can Ca²⁺ function without calmodulin?** Molecular Pharmacology (2004), 66(2), 199-203. CODEN: MOPMA3 ISSN:0026-895X. CAN 141:201764 AN 2004:608688 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 236:

Piedras-Renteria, Erika S.; Mermelstein, Paul G.; Pitt, Geoffrey S. **Cellular functions of calcium channel subtypes.** Calcium Channel Pharmacology (2004), 237-275. CODEN: 69FRLM CAN 142:313563 AN 2004:607398 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 237:

Hunt, Lee; Lerner, Felicitas; Ziegler, Mathias. **NAD: New roles in signalling and gene regulation in plants.** New Phytologist (2004), 163(1), 31-44. CODEN: NEPHAV ISSN:0028-646X. CAN 141:328439 AN 2004:607242 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 238:

Bers, Donald M. **Macromolecular complexes regulating cardiac ryanodine receptor function.** Journal of Molecular and Cellular Cardiology (2004), 37(2), 417-429. CODEN: JMCDAY ISSN:0022-2828. CAN 141:171273 AN 2004:602103 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 239:

Zhang, Tong; Brown, Joan Heller. **Role of Ca²⁺/calmodulin-dependent protein kinase II in cardiac hypertrophy and heart failure.** Cardiovascular Research (2004), 63(3), 476-486. CODEN: CVREAU ISSN:0008-6363. CAN 141:240714 AN 2004:601181 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 240:

Fiedler, Beate; Wollert, Kai C. **Interference of antihypertrophic molecules and signaling pathways with the Ca²⁺-calcineurin-NFAT cascade in cardiac myocytes.** Cardiovascular Research (2004), 63(3), 450-457. CODEN: CVREAU ISSN:0008-6363. CAN 141:240711 AN 2004:601178 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 241:

Lee, Jin Il; Ahnn, Joohong. **Calcineurin in animal behavior.** Molecules and Cells (2004), 17(3), 390-396. CODEN: MOCEEK ISSN:1016-8478. CAN 141:361985 AN 2004:590580 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 242:

Foster, Richard H. **Reciprocal influences between the signalling pathways regulating proliferation and steroidogenesis in adrenal glomerulosa cells.** Journal of Molecular Endocrinology (2004), 32(3), 893-902. CODEN: JMLEE1 ISSN:0952-5041. CAN 141:151131 AN 2004:571068 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 243:

O'Day, Danton H.; Myre, Michael A. **Calmodulin-binding domains in Alzheimer's disease proteins: extending the calcium hypothesis.** Biochemical and Biophysical Research Communications (2004), 320(4), 1051-1054. CODEN: BBRCA9 ISSN:0006-291X. CAN 141:121241 AN 2004:563096 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 244:

Parniske, Martin. **Molecular genetics of the arbuscular mycorrhizal symbiosis.** Current Opinion in Plant Biology (2004), 7(4), 414-421. CODEN: COPBFZ ISSN:1369-5266. CAN 141:326201 AN 2004:541273 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 245:

Holmes, Burton; Dohm, G. Lynis. **Regulation of GLUT4 Gene Expression during Exercise.** Medicine & Science in Sports & Exercise (2004), 36(7), 1202-1206. CODEN: MSPEDA ISSN:0195-9131. CAN 141:222162 AN 2004:537865 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 246:

Oldroyd, Giles E. D.; Downie, J. Allan. **Calcium, kinases and nodulation signaling in legumes.** Nature Reviews Molecular Cell Biology (2004), 5(7), 566-576. CODEN: NRMCPB ISSN:1471-0072. CAN 141:203210 AN 2004:527872 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 247:

Xiao, Rui-Ping; Zhu, Weizhong; Zheng, Ming; Chakir, Khalid; Bond, Richard; Lakatta, Edward G.; Cheng, Heping. **Subtype-specific β -adrenoceptor signaling pathways in the heart and their potential clinical implications.** Trends in Pharmacological Sciences (2004), 25(7), 358-365. CODEN: TPHSDY ISSN:0165-6147. CAN 141:98899 AN 2004:522429 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 248:

Blank, Thomas; Nijholt, Ingrid; Kye, Min-Jeong; Spiess, Joachim. **Small conductance Ca²⁺-activated K⁺ channels as targets of CNS drug development.** Current Drug Targets: CNS & Neurological Disorders (2004), 3(3), 161-167. CODEN: CDTCCC ISSN:1568-007X. CAN 141:33235 AN 2004:514394 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 249:

Anwer, M. Sawkat; Webster, Cynthia R. L. **Signal transduction in bile formation and cholestasis.** Molecular Pathogenesis of Cholestasis (2004), 112-125. CODEN: 69FNJ8 CAN 141:154623 AN 2004:494372 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 250:

Colbran, Roger J.; Brown, Abigail M. **Calcium/calmodulin-dependent protein kinase II and synaptic plasticity.** Current Opinion in Neurobiology (2004), 14(3), 318-327. CODEN: COPUEN ISSN:0959-4388. CAN 141:86000 AN 2004:489404 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 251:

Huganir, Richard L.; Zipursky, S. Lawrence. **Signaling mechanisms.** Current Opinion in Neurobiology (2004), 14(3), 267-271. CODEN: COPUEN ISSN:0959-4388. CAN 141:85995 AN 2004:489397 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 252:

Siu, David. **Activity-dependent hepatocyte growth factor expression and its role in organogenesis and cancer growth suppression.** Medical Hypotheses (2004), 63(1), 62-70. CODEN: MEHYDY ISSN:0306-9877. CAN 141:167886 AN 2004:483230 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 253:

Yamniuk, Aaron P.; Vogel, Hans J. **Calmodulin's flexibility allows for promiscuity in its interactions with target proteins and peptides.** Molecular Biotechnology (2004), 27(1), 33-57. CODEN: MLBOEO ISSN:1073-6085. CAN 141:290614 AN 2004:474283 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 254:

Di Cosmo, Anna. **A new model to study the role and biochemical properties of nNOS: the nervous system of cephalopods.** Recent Research Developments in Biochemistry (2003), 4(Pt. 1), 405-421. CODEN: RRDBAK CAN 141:221950 AN 2004:473800 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 255:

Anderson, Mark E. **Calmodulin kinase and L-type calcium channels. A recipe for arrhythmias?** Trends in Cardiovascular Medicine (2004), 14(4), 152-161. CODEN: TCMDEQ ISSN:1050-1738. CAN 141:188607 AN 2004:461699 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 256:

Caniato, Rosamaria; Filippini, Raffaella; Piovan, Anna; Puricelli, Lucia; Borsarini, Anna; Cappelletti, Elsa M. **Melatonin in plants.** Advances in Experimental Medicine and Biology (2003), 527(Developments in Tryptophan and Serotonin Metabolism), 593-597. CODEN: AEMBAP ISSN:0065-2598. CAN 141:187777 AN 2004:437079 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 257:

Hanrahan, John W.; Zhu, Tang; Howell, L. Daniel. **Phosphatase regulation of CFTR.** Cystic Fibrosis Transmembrane Conductance Regulator, 2003 (2003), 35-54. CODEN: 69FLJ2 CAN 142:88559 AN 2004:427065 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 258:

Wyatt, Amanda W.; Steinert, Joern R.; Mann, Giovanni E. **Modulation of the L-arginine/nitric oxide signalling pathway in vascular endothelial cells.** Biochemical Society Symposia (2004), 71 143-156. CODEN: BSSYAT ISSN:0067-8694. CAN 141:36431 AN 2004:413425 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 259:

Erzurum, Serpil C. **Regulation of nitric oxide synthases in the lung.** NATO Science Series, Series I: Life and Behavioural Sciences (2002), 346(Disease Markers in Exhaled Breath), 3-10. CODEN: NSSSC9 ISSN:1566-7693. CAN 140:421055 AN 2004:398495 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 260:

Tyagi, Akhilesh K. **Regulation of expression and engineering of genes for plastids.** Molecular Insight in Plant Biology (2003), 77-84. CODEN: 69FJFQ CAN 141:185599 AN 2004:385877 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 261:

Wier, W. G.; Morgan, K. G. **α 1-Adrenergic signaling mechanisms in contraction of resistance arteries.** Reviews of Physiology, Biochemistry and Pharmacology (2004), Volume Date 2003, 150 91-139. CODEN: RPBEA5 ISSN:0303-4240. CAN 141:17745 AN 2004:361533 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 262:

Wang, John Q.; Tang, Qingsong; Parelkar, Nikhil K.; Liu, Zhenguo; Samdani, Shazia; Choe, Eun Sang; Yang, Lu; Mao, Limin. **Glutamate signaling to Ras-MAPK in striatal neurons: mechanisms for inducible gene expression and plasticity.** Molecular Neurobiology (2004), 29(1), 1-14. CODEN: MONBEW ISSN:0893-7648. CAN 141:1385 AN 2004:356777 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 263:

Potter, Lincoln R. **CNP, cardiac natriuretic peptide?** Endocrinology (2004), 145(5), 2129-2130. CODEN: ENDOAO ISSN:0013-7227. CAN 140:418046 AN 2004:348988 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 264:

Meissner, Gerhard. **Molecular regulation of cardiac ryanodine receptor ion channel.** Cell Calcium (2004), 35(6), 621-628. CODEN: CECADV ISSN:0143-4160. CAN 141:238241 AN 2004:341719 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 265:

Stern, Michael D.; Cheng, Heping. **Putting out the fire: what terminates calcium-induced calcium release in cardiac muscle?** Cell Calcium (2004), 35(6), 591-601. CODEN: CECADV ISSN:0143-4160. CAN 140:403882 AN 2004:341716 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 266:

Spat, Andras; Hunyady, Laszlo. **Control of aldosterone secretion: a model for convergence in cellular signaling pathways.** Physiological Reviews (2004), 84(2), 489-539. CODEN: PHREA7 ISSN:0031-9333. CAN 141:17731 AN 2004:334767 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 267:

Nalaskowski, Marcus M.; Mayr, Georg W. **The families of kinases removing the Ca²⁺ releasing second messenger Ins(1,4,5)P₃.** Current Molecular Medicine (2004), 4(3), 277-290. CODEN: CMMUBP ISSN:1566-5240. CAN 141:35336 AN 2004:327803 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 268:

Levitin, Irwin B. **Cell biology: A well-stocked pool.** Science (Washington, DC, United States) (2004), 304(5669), 394-395. CODEN: SCIEAS ISSN:0036-8075. CAN 141:19241 AN 2004:325121 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 269:

Cook, Douglas R. **Unraveling the mystery of Nod factor signaling by a genomic approach in *Medicago truncatula*.** Proceedings of the National Academy of Sciences of the United States of America (2004), 101(13), 4339-4340. CODEN: PNASA6 ISSN:0027-8424. CAN 140:369450 AN 2004:316074 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 270:

Sundaram, Meenakshi; Cook, Harold W.; Byers, David M. **The MARCKS family of phospholipid binding proteins: regulation of phospholipase D and other cellular components.** Biochemistry and Cell Biology (2004), 82(1), 191-200. CODEN: BCBIEQ ISSN:0829-8211. CAN 140:419407 AN 2004:303208 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 271:

Hilioti, Zoe; Cunningham, Kyle W. **Calcineurin: roles of the Ca²⁺/calmodulin-dependent protein phosphatase in diverse eukaryotes.** Topics in Current Genetics (2004), 5(Protein Phosphatases), 73-90. CODEN: TCGOAP ISSN:1610-2096. CAN 140:387595 AN 2004:302165 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 272:

Sathyanarayanan, P. V.; Poovaiah, B. W. **Decoding Ca²⁺ signals in plants.** Critical Reviews in Plant Sciences (2004), 23(1), 1-11. CODEN: CRPSD3 ISSN:0735-2689. CAN 141:120117 AN 2004:276515 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 273:

Aramburu, Jose; Heitman, Joseph; Crabtree, Gerald R. **Calcineurin: a central controller of signalling in eukaryotes.** EMBO Reports (2004), 5(4), 343-348. CODEN: ERMEAX ISSN:1469-221X. CAN 141:66769 AN 2004:266850 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 274:

Gong, Deming; Guo, Yan; Schumaker, Karen S.; Zhu, Jian-Kang. **The SOS3 family of calcium sensors and SOS2 family of protein kinases in *Arabidopsis*.** Plant Physiology (2004), 134(3), 919-926. CODEN: PLPHAY ISSN:0032-0889. CAN 140:403315 AN 2004:260043 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 275:

Zhang, Tong; Miyamoto, Shigeki; Brown, Joan Heller. **Cardiomyocyte calcium and calcium/calmodulin-dependent protein kinase II: friends or foes?** Recent Progress in Hormone Research

Calmodulin for Abdullah

(2004), 59 141-168. CODEN: RPHRA6 ISSN:0079-9963. CAN 140:267963 AN 2004:256256 CAPLUS
(Copyright (C) 2006 ACS on SciFinder (R))

Answer 276:

Peracchia, Camillo. **Chemical gating of gap junction channels. Roles of calcium, pH and calmodulin.** Biochimica et Biophysica Acta, Biomembranes (2004), 1662(1-2), 61-80. CODEN: BBBMBS ISSN:0005-2736. CAN 140:267955 AN 2004:246654 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 277:

Herve, Jean-Claude; Bourmeyster, Nicolas; Sarrouilhe, Denis. **Diversity in protein-protein interactions of connexins: emerging roles.** Biochimica et Biophysica Acta, Biomembranes (2004), 1662(1-2), 22-41. CODEN: BBBMBS ISSN:0005-2736. CAN 140:267954 AN 2004:246652 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 278:

Fan, Hengyu; Huo, Lijun; Sun, Qingyuan. **Roles of calmodulin-dependent protein kinase II in meiotic maturation and fertilization of oocytes.** Shengwu Huaxue Yu Shengwu Wuli Jinzhan (2003), 30(2), 171-174. CODEN: SHYCD4 ISSN:1000-3282. CAN 140:388895 AN 2004:235581 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 279:

Colbran, Roger J. **Targeting of calcium/calmodulin-dependent protein kinase II.** Biochemical Journal (2004), 378(1), 1-16. CODEN: BIJOAK ISSN:0264-6021. CAN 140:231236 AN 2004:230390 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 280:

Yang, Cheng; Jas, Gouri S.; Kuczera, Krzysztof. **Structure, dynamics and interaction with kinase targets: computer simulations of calmodulin.** Biochimica et Biophysica Acta, Proteins and Proteomics (2004), 1697(1-2), 289-300. CODEN: BBAPBW ISSN:1570-9639. CAN 140:387348 AN 2004:216631 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 281:

Spicer, Zachary; Millhorn, David E. **Oxygen sensing in neuroendocrine cells and other cell types: pheochromocytoma (PC12) cells as an experimental model.** Endocrine Pathology (2003), 14(4), 277-291. CODEN: ENPAFD ISSN:1046-3976. CAN 140:354518 AN 2004:199687 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 282:

Fan, Heng-Yu; Sun, Qing-Yuan. **Involvement of mitogen-activated protein kinase cascade during oocyte maturation and fertilization in mammals.** Biology of Reproduction (2004), 70(3), 535-547. CODEN: BIREBV ISSN:0006-3363. CAN 140:178601 AN 2004:164204 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 283:

Cohen, Jonathan E.; Fields, R. Douglas. **Extracellular calcium depletion in synaptic transmission.** Neuroscientist (2004), 10(1), 12-17. CODEN: NROSFJ ISSN:1073-8584. CAN 140:350736 AN 2004:143680 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 284:

Kennedy, Mary B. **Calcium/calmodulin-dependent protein kinase II.** Handbook of Cell Signaling (2004), 1 543-546. CODEN: 69FBUH CAN 141:273415 AN 2004:133691 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 285:

Adelman, John P. **Small conductance Ca²⁺-activated K⁺ channels: mechanism of Ca²⁺ gating.** Handbook of Cell Signaling (2004), 1 227-232. CODEN: 69FBUH CAN 141:290594 AN 2004:133642 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 286:

Means, Anthony R. **Calmodulin-mediated signaling.** Handbook of Cell Signaling (2004), 2 83-85. CODEN: 69FBUH CAN 141:273066 AN 2004:133450 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 287:

Maylie, James; Bond, Chris T.; Herson, Paco S.; Lee, Wei-Sheng; Adelman, John P. **Small conductance Ca²⁺-activated K⁺ channels and calmodulin.** Journal of Physiology (Oxford, United Kingdom) (2004), 554(2), 255-261. CODEN: JPHYA7 ISSN:0022-3751. CAN 140:354016 AN 2004:115874 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 288:

Kuehl, Michael. **The Wnt/calcium pathway: biochemical mediators, tools and future requirements.** Frontiers in Bioscience (2004), 9(1), 967-974. CODEN: FRBIF6 ISSN:1093-4715. CAN 140:160772 AN 2004:114880 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 289:

Ashakumary, Lakshmikuttyamma; Kakkar, Rakesh; Selvakumar, Ponniah; Pasha, Mohammed Khysar; Sharma, Rajendra K. **Role of high molecular weight calmodulin binding protein in cardiac muscle.** Progress in Experimental Cardiology (2003), 7(Signal Transduction and Cardiac Hyperthrophy), 285-302. CODEN: PEXCFF ISSN:1389-1774. CAN 140:125561 AN 2004:91390 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 290:

Sidhu, Ranjinder S.; Clough, Richard R.; Bhullar, Rajinder P. **Rab3 small GTP-binding proteins: regulation by calcium/calmodulin.** Progress in Experimental Cardiology (2003), 7(Signal Transduction and Cardiac Hyperthropy), 167-179. CODEN: PEXCFF ISSN:1389-1774. CAN 140:352111 AN 2004:91376 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 291:

Takano, Hiroyuki; Zou, Yunzeng; Akazawa, Hiroshi; Nagai, Toshio; Mizukami, Miho; Toko, Haruhiro; Komuro, Issei. **Ca²⁺-dependent signaling pathways through calcineurin and Ca²⁺/calmodulin-dependent protein kinase in development of cardiac hypertrophy.** Progress in Experimental Cardiology (2003), 7(Signal Transduction and Cardiac Hyperthropy), 85-94. CODEN: PEXCFF ISSN:1389-1774. CAN 140:250995 AN 2004:91365 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 292:

Andrews, Robert; Gardiner, Elizabeth; Shen, Yang; Berndt, Michael. **Platelet Interactions in Thrombosis.** IUBMB Life (2004), 56(1), 13-18. CODEN: IULIF8 ISSN:1521-6543. CAN 140:268376 AN 2004:79002 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 293:

Caramelo, Carlos; Alvarez-Arroyo, Ma. Victoria; Yaguee, Susana; Suzuki, Yusuke; Castilla, M. Angeles; Velasco, Lara; Gonzalez-Pacheco, F. Roman; Tejedor, Alberto. **Cyclosporin A toxicity, and more: vascular endothelial growth factor (VEGF) steps forward.** Nephrology, Dialysis, Transplantation (2004), 19(2), 285-288. CODEN: NDTREA ISSN:0931-0509. CAN 141:235288 AN 2004:66268 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 294:

Schulz, Robert A.; Yutzey, Katherine E. **Calcineurin signaling and NFAT activation in cardiovascular and skeletal muscle development.** Developmental Biology (San Diego, CA, United States) (2004), 266(1), 1-16. CODEN: DEBIAO ISSN:0012-1606. CAN 140:232838 AN 2004:51944 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 295:

Kahl, Christina R.; Means, Anthony R. **Regulation of cell cycle progression by calcium/calmodulin-dependent pathways.** Endocrine Reviews (2003), 24(6), 719-736. CODEN: ERVIDP ISSN:0163-769X. CAN 140:298952 AN 2004:50328 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 296:

Tani, Eiichi; Matsumoto, Tsuyoshi. **Continuous elevation of intracellular Ca²⁺ is essential for the development of cerebral vasospasm.** Current Vascular Pharmacology (2004), 2(1), 13-21. CODEN: CVPUAY ISSN:1570-1611. CAN 140:126115 AN 2004:9833 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 297:

Lambert, Ian Henry. **Regulation of the Cellular Content of the Organic Osmolyte Taurine in Mammalian Cells.** Neurochemical Research (2004), 29(1), 27-63. CODEN: NEREDZ ISSN:0364-3190. CAN 140:196610 AN 2004:5585 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 298:

Villalobo, Antonio; Garcia-Andres, Clara; Molina-Ortiz, Patricia. **Translocation of ErbB receptors into the nucleus.** Revista de Oncologia (2003), 5(7), 381-389. CODEN: REONFP ISSN:1575-3018. CAN 140:143500 AN 2003:1005780 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 299:

Kortvely, Elod; Gulya, Karoly. **Calmodulin, and various ways to regulate its activity.** Life Sciences (2004), 74(9), 1065-1070. CODEN: LIFSAK ISSN:0024-3205. CAN 140:160752 AN 2003:982135 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 300:

Proud, Christopher G. **mTOR-mediated regulation of translation factors by amino acids.** Biochemical and Biophysical Research Communications (2004), 313(2), 429-436. CODEN: BBRCA9 ISSN:0006-291X. CAN 140:159126 AN 2003:981580 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 301:

Griffith, Leslie C.; Lu, Cecilia S.; Sun, Xiu Xia. **CaMKII, an enzyme on the move: regulation of temporespatial localization.** Molecular Interventions (2003), 3(7), 386-403. CODEN: MIONAR ISSN:1534-0384. CAN 140:193214 AN 2003:966224 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 302:

Zamponi, Gerald W. **The L-type calcium channel C-terminus: Sparking interest beyond its role in calcium-dependent inactivation.** Journal of Physiology (Cambridge, United Kingdom) (2003), 552(2), 333. CODEN: JPHYA7 ISSN:0022-3751. CAN 140:91082 AN 2003:963268 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 303:

Malencik, D. A.; Anderson, S. R. **Dityrosine as a product of oxidative stress and fluorescent probe.** Amino Acids (2003), 25(3-4), 233-247. CODEN: AACIE6 ISSN:0939-4451. CAN 140:316619 AN 2003:957469 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 304:

Collier, R. John; Young, John A. T. **Anthrax toxin.** Annual Review of Cell and Developmental Biology (2003), 19 45-70, 3 plates. CODEN: ARDBF8 ISSN:1081-0706. CAN 140:176386 AN 2003:952543 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 305:

Takahama, Kazuo; Kaito, Taku; Shirasaki, Tetsuya; Soeda, Fumio. **Brain disrupting actions of prenatal diethylstilbestrol exposure in mice - behavioral, neurochemical and electrophysiological studies.** Journal of Health Science (2003), 49(6), 423-428. CODEN: JHSCFD ISSN:1344-9702. CAN 140:54544 AN 2003:951443 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 306:

Carbone, E.; Carabelli, V.; Baldelli, P.; Cesetti, T.; Hernandez-Guijo, J. M.; Zucker, H. **Modulation of voltage-gated L-type Ca²⁺ channels (Cav1): an effective system to control Ca²⁺ signaling in excitable cells.** Recent Research Developments in Biophysical Chemistry (2002), 2 19-36. CODEN: 69EUV3 CAN 140:214428 AN 2003:940444 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 307:

Ishida, Atsuhiko; Shigeri, Yasushi; Taniguchi, Takanobu; Kameshita, Isamu. **Protein phosphatases that regulate multifunctional Ca²⁺/calmodulin-dependent protein kinases: from biochemistry to pharmacology.** Pharmacology & Therapeutics (2003), 100(3), 291-305. CODEN: PHTHDT ISSN:0163-7258. CAN 140:108487 AN 2003:938603 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 308:

Tombes, Robert M.; Faison, M. Omar; Turbeville, J. M. **Organization and evolution of multifunctional Ca²⁺/CaM-dependent protein kinase genes.** Gene (2003), 322 17-31. CODEN: GENED6

Calmodulin for Abdullah

ISSN:0378-1119. CAN 140:157986 AN 2003:934626 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 309:

Viggiano, Davide; Vallone, Daniela; Ruocco, Lucia A.; Sadile, Adolfo G. **Behavioural, pharmacological, morpho-functional molecular studies reveal a hyperfunctioning mesocortical dopamine system in an animal model of attention deficit and hyperactivity disorder.** Neuroscience and Biobehavioral Reviews (2003), 27(7), 683-689. CODEN: NBREDE ISSN:0149-7634. CAN 140:161247 AN 2003:903601 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 310:

Bultynck, G.; Vermassen, E.; Szlufcik, K.; De Smet, P.; Fissore, R. A.; Callewaert, G.; Missiaen, L.; De Smedt, H.; Parys, J. B. **Calcineurin and intracellular Ca²⁺-release channels: regulation or association?** Biochemical and Biophysical Research Communications (2003), 311(4), 1181-1193. CODEN: BBRCA9 ISSN:0006-291X. CAN 139:393634 AN 2003:883159 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 311:

Groth, Rachel D.; Dunbar, Robert L.; Mermelstein, Paul G. **Calcineurin regulation of neuronal plasticity.** Biochemical and Biophysical Research Communications (2003), 311(4), 1159-1171. CODEN: BBRCA9 ISSN:0006-291X. CAN 139:393632 AN 2003:883157 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 312:

Cyert, Martha S. **Calcineurin signaling in *Saccharomyces cerevisiae*: how yeast go crazy in response to stress.** Biochemical and Biophysical Research Communications (2003), 311(4), 1143-1150. CODEN: BBRCA9 ISSN:0006-291X. CAN 140:88170 AN 2003:883155 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 313:

Ke, Hengming; Huai, Qing. **Structures of calcineurin and its complexes with immunophilins-immunosuppressants.** Biochemical and Biophysical Research Communications (2003), 311(4), 1095-1102. CODEN: BBRCA9 ISSN:0006-291X. CAN 140:72938 AN 2003:883150 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 314:

White, Philip J.; Broadley, Martin R. **Calcium in plants.** Annals of Botany (Oxford, United Kingdom) (2003), 92(4), 487-511. CODEN: ANBOA4 ISSN:0305-7364. CAN 140:302863 AN 2003:877566 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 315:

Ishii, Masaru; Kurachi, Yoshihisa. **Physiological actions of regulators of G-protein signaling (RGS) proteins.** Life Sciences (2003), 74(2-3), 163-171. CODEN: LIFSAK ISSN:0024-3205. CAN 140:141154 AN 2003:869946 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 316:

De Haro, Luc; Quetglas, Stephanie; Iborra, Cecile; Leveque, Christian; Seagar, Michael. **Calmodulin-dependent regulation of a lipid binding domain in the v-SNARE synaptobrevin and its role in vesicular fusion.** Biology of the Cell (2003), 95(7), 459-464. CODEN: BCELD ISSN:0248-4900. CAN 140:125500 AN 2003:866407 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 317:

McCann, S. M.; Karanth, S.; Yu, W. H.; Mastronardi, C. A. **Neuroendocrine regulation of leptin secretion and its role in nitric oxide secretion.** Leptin and Reproduction (2003), 15-37. CODEN: 69EROK CAN 140:122853 AN 2003:858379 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 318:

Foraker, Amy B.; Khantwal, Chandra M.; Swaan, Peter W. **Current perspectives on the cellular uptake and trafficking of riboflavin.** Advanced Drug Delivery Reviews (2003), 55(11), 1467-1483. CODEN: ADDREP ISSN:0169-409X. CAN 140:198502 AN 2003:846950 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 319:

Wilkins, A. L.; Yang, W.; Yang, J. J. **Structural biology of the cell adhesion protein CD2: From molecular recognition to protein folding and design.** Current Protein and Peptide Science (2003), 4(5), 367-373. CODEN: CPPSCM ISSN:1389-2037. CAN 140:106997 AN 2003:821730 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 320:

Yang, Tianbao; Poovaiah, B. W. **Calcium/calmodulin-mediated signal network in plants.** Trends in Plant Science (2003), 8(10), 505-512. CODEN: TPSCF9 ISSN:1360-1385. CAN 140:56401 AN 2003:790208 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 321:

Yamamoto, Hideyuki; Matsumoto, Kazuya; Araki, Eiichi; Miyamoto, Eishichi. **New aspects of neurotransmitter release and exocytosis: Involvement of Ca²⁺/calmodulin-dependent phosphorylation of synapsin I in insulin exocytosis.** Journal of Pharmacological Sciences (Tokyo, Japan) (2003), 93(1), 30-34. CODEN: JPSTGJ ISSN:1347-8613. CAN 140:13148 AN 2003:781434 CAPLUS (Copyright (C) 2006

Calmodulin for Abdullah

ACS on SciFinder (R))

Answer 322:

Yamagata, Yoko. **New aspects of neurotransmitter release and exocytosis: Dynamic and differential regulation of synapsin I phosphorylation by acute neuronal excitation in vivo.** Journal of Pharmacological Sciences (Tokyo, Japan) (2003), 93(1), 22-29. CODEN: JPSTGJ ISSN:1347-8613. CAN 140:13147 AN 2003:781433 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 323:

Popoli, Maurizio; Gennarelli, Massimo; Racagni, Giorgio. **Modulation of synaptic plasticity by stress and antidepressants.** Bipolar Disorders (2002), 4(3), 166-182. CODEN: BDIIAU ISSN:1398-5647. CAN 140:121877 AN 2003:760503 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 324:

Bosc, Christophe; Andrieux, Annie; Job, Didier. **STOP Proteins.** Biochemistry (2003), 42(42), 12125-12132. CODEN: BICAW ISSN:0006-2960. CAN 139:318767 AN 2003:753427 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 325:

Anon. **Calmodulin lobotomized: Novel insights into calcium regulation of voltage-gated calcium channels.** Neuron (2003), 39(6), 879-881. CODEN: NERNET ISSN:0896-6273. CAN 139:227701 AN 2003:752150 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 326:

Wang, Lilin; Whitlatch, Lyman W.; Flanagan, John N.; Holick, Michael F.; Chen, Tai C. **Vitamin D autocrine system and prostate cancer.** Recent Results in Cancer Research (2003), 164(Vitamin D Analogs in Cancer Prevention and Therapy), 223-237. CODEN: RRCRBU ISSN:0080-0015. CAN 139:348788 AN 2003:748379 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 327:

Sha, Di; Wei, Jianning; Jin, Hong; Wu, Heng; Osterhaus, Gregory L.; Wu, Jang-Yen. **Effect of taurine on regulation of GABA and acetylcholine biosynthesis.** Advances in Experimental Medicine and Biology (2003), 526(Taurine 5), 499-505. CODEN: AEMBAP ISSN:0065-2598. CAN 140:175218 AN 2003:748288 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 328:

Cao, Xia; Seo, Hisao. **Thyroid hormone-dependent regulation of ZAK1-4 α , an inhibitor of calcineurin,**

Calmodulin for Abdullah

and its implication in brain development and function. Current Opinion in Endocrinology & Diabetes (2003), 10(5), 357-363. CODEN: CENDES ISSN:1068-3097. CAN 140:315117 AN 2003:746133 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 329:

Boo, Yong Chool; Jo, Hanjoong. **Flow-dependent regulation of endothelial nitric oxide synthase: Role of protein kinases.** American Journal of Physiology (2003), 285(3, Pt. 1), C499-C508. CODEN: AJPHAP ISSN:0002-9513. CAN 139:335687 AN 2003:745521 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 330:

Vergne, Isabelle; Chua, Jennifer; Deretic, Vojo. **Mycobacterium tuberculosis phagosome maturation arrest: Selective targeting of PI3P-dependent membrane trafficking.** Traffic (Oxford, United Kingdom) (2003), 4(9), 600-606. CODEN: TRAFFA ISSN:1398-9219. CAN 139:321741 AN 2003:713109 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 331:

Shaywitz, Adam J.; Greenberg, Michael E. **CREB: a stimulus-induced transcription factor activated by a diverse array of extracellular signals. [Erratum to document cited in CA131:307940].** Annual Review of Biochemistry (2003), 72 vii. CODEN: ARBOAW ISSN:0066-4154. CAN 141:84061 AN 2003:710355 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 332:

Fernandez-Gacio, Ana; Uguen, Marilyne; Fastrez, Jacques. **Phage display as a tool for the directed evolution of enzymes.** Trends in Biotechnology (2003), 21(9), 408-414. CODEN: TRBIDM ISSN:0167-7799. CAN 140:177098 AN 2003:668267 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 333:

Yang, Jenny J.; Gawthrop, Amy; Ye, Yiming. **Obtaining site-specific calcium-binding affinities of calmodulin.** Protein and Peptide Letters (2003), 10(4), 331-345. CODEN: PPELEN ISSN:0929-8665. CAN 140:1923 AN 2003:651528 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 334:

Harnett, Karen M.; Biancani, Piero. **Calcium-dependent and calcium-independent contractions in smooth muscles.** American Journal of Medicine (2003), 115(Suppl. 3A), 24S-30S. CODEN: AJMEAZ ISSN:0002-9343. CAN 140:39129 AN 2003:643064 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 335:

Rybalkin, Sergei D.; Yan, Chen; Bornfeldt, Karin E.; Beavo, Joseph A. **Cyclic GMP Phosphodiesterases and Regulation of Smooth Muscle Function.** Circulation Research (2003), 93(4), 280-291. CODEN: CIRUAL ISSN:0009-7330. CAN 139:320479 AN 2003:627208 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 336:

Plattner, Helmut; Kissmehl, Roland. **Dense-core secretory vesicle docking and exocytotic membrane fusion in Paramecium cells.** Biochimica et Biophysica Acta, Molecular Cell Research (2003), 1641(2-3), 183-193. CODEN: BBAMCO ISSN:0167-4889. CAN 139:288668 AN 2003:625895 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 337:

Burgoyne, Robert D.; Clague, Michael J. **Calcium and calmodulin in membrane fusion.** Biochimica et Biophysica Acta, Molecular Cell Research (2003), 1641(2-3), 137-143. CODEN: BBAMCO ISSN:0167-4889. CAN 139:225923 AN 2003:625890 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 338:

Sun, Qing-Yuan. **Cellular and molecular mechanisms leading to cortical reaction and polyspermy block in mammalian eggs.** Microscopy Research and Technique (2003), 61(4), 342-348. CODEN: MRTEEO ISSN:1059-910X. CAN 139:227696 AN 2003:565497 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 339:

Saelens, Xavier; Vondenabeele, Peter. **Type II autophagic cell death and death-associated protein kinases.** Chemtracts (2003), 16(6), 387-392. CODEN: CHEMFW ISSN:1431-9268. CAN 140:89347 AN 2003:559464 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 340:

Walkley, Steven U. **Neurobiology and cellular pathogenesis of glycolipid storage diseases.** Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences (2003), 358(1433), 893-904. CODEN: PTRBAE ISSN:0962-8436. CAN 139:177652 AN 2003:553901 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 341:

Ebadi, Manuchair; Sharma, Sushil K. **Peroxynitrite and Mitochondrial Dysfunction in the Pathogenesis of Parkinson's Disease.** Antioxidants & Redox Signaling (2003), 5(3), 319-335. CODEN: ARSIF2 ISSN:1523-0864. CAN 139:211677 AN 2003:524705 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 342:

Bultynck, G.; Sienraert, I.; Parys, J. B.; Callewaert, G.; De Smedt, H.; Boens, N.; Dehaen, W.; Missiaen, L. **Pharmacology of inositol trisphosphate receptors.** Pfluegers Archiv (2003), 445(6), 629-642. CODEN: PFLABK ISSN:0031-6768. CAN 139:206922 AN 2003:483966 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 343:

Wirkner, Kerstin; Koeles, Laszlo; Fuerst, Susanna; Illes, Peter. **Modulation of voltage- and ligand-gated ion channels by neuronal P2Y receptors.** Drug Development Research (2003), 59(1), 49-55. CODEN: DDREDK ISSN:0272-4391. CAN 139:207867 AN 2003:468820 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 344:

Yan, Juqiang; He, Cixin; Zhang, Hong. **The BAG-family proteins in Arabidopsis thaliana.** Plant Science (Shannon, Ireland) (2003), 165(1), 1-7. CODEN: PLSCE4 ISSN:0168-9452. CAN 139:319979 AN 2003:461629 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 345:

Talke, Ina N.; Blaudez, Damien; Maathuis, Frans J. M.; Sanders, Dale. **CNGCs: Prime targets of plant cyclic nucleotide signalling?** Trends in Plant Science (2003), 8(6), 286-293. CODEN: TPSCF9 ISSN:1360-1385. CAN 139:210773 AN 2003:459285 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 346:

Lisman, John. **Long-term potentiation: Outstanding questions and attempted synthesis.** Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences (2003), 358(1432), 829-842. CODEN: PTRBAE ISSN:0962-8436. CAN 139:162355 AN 2003:430887 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 347:

Hedou, Gael; Mansuy, Isabelle M. **Inducible molecular switches for the study of long-term potentiation.** Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences (2003), 358(1432), 797-804. CODEN: PTRBAE ISSN:0962-8436. CAN 139:146860 AN 2003:430883 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 348:

Wahl, S. M.; McCartney-Francis, N.; Chan, J.; Dionne, R.; Ta, L.; Orenstein, J. M. **Nitric oxide in experimental joint inflammation.** Cells Tissues Organs (2003), 174(1-2), 26-33. CODEN: CTORFB

Calmodulin for Abdullah

ISSN:1422-6405. CAN 139:212415 AN 2003:429940 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 349:

Iwatsubo, Kousaku; Tsunematsu, Takashi; Ishikawa, Yoshihiro. **Isoform-specific regulation of adenylyl cyclase: a potential target in future pharmacotherapy.** Expert Opinion on Therapeutic Targets (2003), 7(3), 441-451. CODEN: EOTTAO ISSN:1472-8222. CAN 140:12268 AN 2003:428732 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 350:

Daff, S. **Calmodulin-dependent regulation of mammalian nitric oxide synthase.** Biochemical Society Transactions (2003), 31(3), 502-505. CODEN: BCSTB5 ISSN:0300-5127. CAN 139:242060 AN 2003:419122 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 351:

Briggs, Michael W.; Sacks, David B. **IQGAP proteins are integral components of cytoskeletal regulation.** EMBO Reports (2003), 4(6), 571-574. CODEN: ERMEAX ISSN:1469-221X. CAN 139:209337 AN 2003:417353 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 352:

Beech, D. J.; Xu, S. Z.; McHugh, D.; Flemming, R. **TRPC1 store-operated cationic channel subunit.** Cell Calcium (2003), 33(5-6), 433-440. CODEN: CECADV ISSN:0143-4160. CAN 139:274045 AN 2003:393868 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 353:

Harteneck, Christian. **Proteins modulating TRP channel function.** Cell Calcium (2003), 33(5-6), 303-310. CODEN: CECADV ISSN:0143-4160. CAN 139:274042 AN 2003:393857 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 354:

Bernal, Andres Lopez. **Mechanisms of labor - biochemical aspects.** BJOG (2003), 110(Suppl. 20), 39-45. CODEN: BIOGFQ ISSN:1470-0328. CAN 139:194729 AN 2003:393078 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 355:

Sutoo, Den'etsu; Akiyama, Kayo. **Regulation of brain function by exercise.** Neurobiology of Disease (2003), 13(1), 1-14. CODEN: NUDIEM ISSN:0969-9961. CAN 139:211166 AN 2003:391545 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 356:

Golombek, Diego A.; Ferreyra, Gabriela A.; Agostino, Patricia V.; Murad, Alejandro D.; Rubio, Maria F.; Pizzio, Gaston A.; Katz, Marcelo E.; Marpegan, Luciano; Bekinschtein, Tristan A. **From light to genes: Moving the hands of the circadian clock.** Frontiers in Bioscience (2003), 8 S285-S293. CODEN: FRBIF6 ISSN:1093-4715. CAN 139:146849 AN 2003:383484 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 357:

Shekhar, Anantha; Sajdyk, Tammy J.; Gehlert, Donald R.; Rainnie, Donald G. **The amygdala, panic disorder, and cardiovascular responses.** Annals of the New York Academy of Sciences (2003), 985(Amygdala in Brain Function), 308-325. CODEN: ANYAA9 ISSN:0077-8923. CAN 139:98800 AN 2003:383311 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 358:

Trudeau, Matthew C.; Zagotta, William N. **Calcium/calmodulin modulation of olfactory and rod cyclic nucleotide-gated ion channels.** Journal of Biological Chemistry (2003), 278(21), 18705-18708. CODEN: JBCHA3 ISSN:0021-9258. CAN 139:146845 AN 2003:380670 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 359:

Szczesna, Danuta. **Regulatory light chains of striated muscle myosin. Structure, function and malfunction.** Current Drug Targets: Cardiovascular & Haematological Disorders (2003), 3(2), 187-197. CODEN: CDTCBB ISSN:1568-0061. CAN 139:177025 AN 2003:375715 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 360:

Sharma, Rajendra K. **Diversity of calcium action in regulation of mammalian calmodulin-dependent cyclic nucleotide phosphodiesterase.** Indian Journal of Biochemistry & Biophysics (2003), 40(2), 77-91. CODEN: IJBBBQ ISSN:0301-1208. CAN 139:209673 AN 2003:367853 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 361:

Kudoh, Sumiyo; Akazawa, Hiroshi; Takano, Hiroyuki; Zou, Yunzeng; Toko, Haruhiro; Nagai, Toshio; Komuro, Issei. **Stretch-modulation of second messengers: effects on cardiomyocyte ion transport.** Progress in Biophysics & Molecular Biology (2003), 82(1-3), 57-66. CODEN: PBIMAC ISSN:0079-6107. CAN 139:286403 AN 2003:342989 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 362:

Briggs, Michael W.; Sacks, David B. **IQGAP1 as signal integrator: Ca²⁺, calmodulin, Cdc42 and the cytoskeleton.** FEBS Letters (2003), 542(1-3), 7-11. CODEN: FEBLAL ISSN:0014-5793. CAN 139:145301 AN 2003:327252 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 363:

Kimura, Hideo; Esumi, Hiroyasu. **Reciprocal regulation between nitric oxide and vascular endothelial growth factor in angiogenesis.** Acta Biochimica Polonica (2003), 50(1), 49-59. CODEN: ABPLAF ISSN:0001-527X. CAN 139:111782 AN 2003:320876 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 364:

Soldatov, Nikolai M. **Ca²⁺ channel moving tail: link between Ca²⁺-induced inactivation and Ca²⁺ signal transduction.** Trends in Pharmacological Sciences (2003), 24(4), 167-171. CODEN: TPHSDY ISSN:0165-6147. CAN 139:211138 AN 2003:313960 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 365:

van Hinsbergh, Victor W. M.; van Nieuw Amerongen, Geerten P. **Intracellular signalling involved in modulating human endothelial barrier function.** Journal of Anatomy (2002), 200(6), 549-560. CODEN: JOANAY ISSN:0021-8782. CAN 139:131010 AN 2003:313540 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 366:

Burdette, Shawn C.; Lippard, Stephen J. **Meeting of the minds: Metalloneurochemistry.** Proceedings of the National Academy of Sciences of the United States of America (2003), 100(7), 3605-3610. CODEN: PNASA6 ISSN:0027-8424. CAN 139:82389 AN 2003:290910 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 367:

Licata, Stephanie C.; Pierce, R. Christopher. **The roles of calcium/calmodulin-dependent and ras/mitogen-activated protein kinases in the development of psychostimulant-induced behavioral sensitization.** Journal of Neurochemistry (2003), 85(1), 14-22. CODEN: JONRA9 ISSN:0022-3042. CAN 139:143112 AN 2003:277667 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 368:

O'Tousa, Joseph E. **Ca²⁺ regulation of Drosophila phototransduction.** Advances in Experimental Medicine and Biology (2002), 514(Photoreceptors and Calcium), 493-505. CODEN: AEMBAP ISSN:0065-2598. CAN 139:19689 AN 2003:267689 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 369:

Seidenbecher, Constanze I.; Reissner, C.; Kreutz, Michael R. **Caldendrins in the inner retina.** Advances in Experimental Medicine and Biology (2002), 514(Photoreceptors and Calcium), 451-463. CODEN: AEMBAP ISSN:0065-2598. CAN 139:50172 AN 2003:267684 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 370:

Haeseleer, Francoise; Palczewski, Krzysztof. **Calmodulin and Ca²⁺-binding proteins (CaBPs): variations on a theme.** Advances in Experimental Medicine and Biology (2002), 514(Photoreceptors and Calcium), 303-317. CODEN: AEMBAP ISSN:0065-2598. CAN 138:364249 AN 2003:267668 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 371:

Warren, Rene; Molday, Robert S. **Regulation of the rod photoreceptor cyclic nucleotide-gated channel.** Advances in Experimental Medicine and Biology (2002), 514(Photoreceptors and Calcium), 205-223. CODEN: AEMBAP ISSN:0065-2598. CAN 139:50170 AN 2003:267658 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 372:

Barker, Ralph J.; Gourdie, Robert G. **Connexin interacting proteins.** Basic Science for the Cardiologist (2002), 12(Heart Cell Coupling and Impulse Propogation in Health and Disease), 25-50. CODEN: BSCAFI CAN 140:14972 AN 2003:227881 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 373:

Zhang, Lei; Lu, Ying-Tang. **Calmodulin-binding protein kinases in plants.** Trends in Plant Science (2003), 8(3), 123-127. CODEN: TPSCF9 ISSN:1360-1385. CAN 139:65182 AN 2003:226617 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 374:

Wang, Hongbing; Storm, Daniel R. **Calmodulin-regulated adenylyl cyclases: Cross-talk and plasticity in the central nervous system.** Molecular Pharmacology (2003), 63(3), 463-468. CODEN: MOPMA3 ISSN:0026-895X. CAN 139:98282 AN 2003:218811 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 375:

Savvateeva-Popova, E. V.; Peresleny, A. I.; Scharagina, L. M.; Tokmacheva, E. V.; Medvedeva, A. V.; Kamyshev, N. G.; Popov, A. V.; Ozersky, P. V.; Baricheva, E. M.; Karagodin, D.; Heisenberg, M. **Complex study of Drosophila mutants in the agnostic locus: A model for coupling chromosomal architecture and cognitive functions.** Journal of Evolutionary Biochemistry and Physiology (Translation of Zhurnal

Calmodulin for Abdullah

Evolyutsionnoi Biokhimii i Fiziologii (2002), 38(6), 706-733. CODEN: JEBPA9 ISSN:0022-0930. CAN 139:112176 AN 2003:213400 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 376:

Dobransky, Tomas; Jane Rylett, R. **Functional regulation of choline acetyltransferase by phosphorylation.** Neurochemical Research (2003), 28(3-4), 537-542. CODEN: NEREDZ ISSN:0364-3190. CAN 138:381182 AN 2003:212802 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 377:

Ding, Wen-Xing; Ong, Choon Nam. **Role of oxidative stress and mitochondrial changes in cyanobacteria-induced apoptosis and hepatotoxicity.** FEMS Microbiology Letters (2003), 220(1), 1-7. CODEN: FMLED7 ISSN:0378-1097. CAN 138:366312 AN 2003:212440 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 378:

Tanaka, T.; Higa, S.; Hirano, T.; Kotani, M.; Matsumoto, M.; Fujita, A.; Kawase, I. **Flavonoids as potential anti-allergic substances.** Current Medicinal Chemistry: Anti-Inflammatory & Anti-Allergy Agents (2003), 2(1), 57-65. CODEN: CMCAGM ISSN:1568-0142. CAN 139:78222 AN 2003:202012 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 379:

Marks, Andrew R. **Calcium and the heart: a question of life and death.** Journal of Clinical Investigation (2003), 111(5), 597-600. CODEN: JCINAO ISSN:0021-9738. CAN 138:318412 AN 2003:193472 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 380:

O'Day, Danton H. **CaMBOT: profiling and characterizing calmodulin-binding proteins.** Cellular Signalling (2003), 15(4), 347-354. CODEN: CESIEY ISSN:0898-6568. CAN 139:64859 AN 2003:164638 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 381:

Shohat, Galit; Spivak-Kroizman, Taly; Eisenstein, Miriam; Kimchi, Adi. **The regulation of death-associated protein (DAP) kinase in apoptosis.** European Cytokine Network (2002), 13(4), 398-400. CODEN: ECYNEJ ISSN:1148-5493. CAN 138:381180 AN 2003:160353 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 382:

Fox, Kevin. **Synaptic Plasticity: The Subcellular Location of CaMKII Controls Plasticity.** Current Biology (2003), 13(4), R143-R145. CODEN: CUBLE2 ISSN:0960-9822. CAN 139:66392 AN 2003:142652 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 383:

Taylor, C. W.; Laude, A. J. **IP₃ receptors and their regulation by calmodulin and cytosolic Ca²⁺.** Cell Calcium (2002), 32(5-6), 321-334. CODEN: CECADV ISSN:0143-4160. CAN 138:267283 AN 2003:116475 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 384:

Vetter, Stefan W.; Leclerc, Estelle. **Novel aspects of calmodulin target recognition and activation.** European Journal of Biochemistry (2003), 270(3), 404-414. CODEN: EJBCAI ISSN:0014-2956. CAN 138:299283 AN 2003:112259 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 385:

Miyawaki, Atsushi; Nagai, Takeharu; Shimozono, Satoshi; Fukano, Takashi; Mizuno, Hideaki. **Circularly permuted green fluorescent proteins engineered to sense Ca²⁺ and their application to imaging of subcellular Ca²⁺ dynamics.** RIKEN Review (2002), 49 55-59. CODEN: RIREE6 ISSN:0919-3405. CAN 139:145912 AN 2003:96805 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 386:

Cruciani, Veronique; Mikalsen, Svein-Ole. **Connexins, gap junctional intercellular communication and kinases.** Biology of the Cell (2002), 94(7-8), 433-443. CODEN: BCELDI ISSN:0248-4900. CAN 139:3999 AN 2003:95781 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 387:

Fleming, Ingrid; Busse, Rudi. **Molecular mechanisms involved in the regulation of the endothelial nitric oxide synthase.** American Journal of Physiology (2003), 284(1, Pt. 2), R1-R12. CODEN: AJPHAP ISSN:0002-9513. CAN 139:19861 AN 2003:69930 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 388:

Rothermel, Beverly A.; Vega, Rick B.; Williams, R. Sanders. **The role of modulatory calcineurin-interacting proteins in calcineurin signaling.** Trends in Cardiovascular Medicine (2003), 13(1), 15-21. CODEN: TCMDEQ ISSN:1050-1738. CAN 139:3982 AN 2003:64836 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 389:

Jensen, B. S.; Hertz, M.; Christophersen, P.; Madsen, L. S. **The Ca₂₊-activated K⁺ channel of intermediate conductance: A possible target for immune suppression.** Expert Opinion on Therapeutic Targets (2002), 6(6), 623-636. CODEN: EOTTAO ISSN:1472-8222. CAN 138:383536 AN 2003:43300 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 390:

Terpe, K. **Overview of tag protein fusions: from molecular and biochemical fundamentals to commercial systems.** Applied Microbiology and Biotechnology (2003), 60(5), 523-533. CODEN: AMBIDG ISSN:0175-7598. CAN 138:299269 AN 2003:39547 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 391:

Matynia, Anna; Kushner, Steven A.; Silva, Alcino J. **Genetic approaches to molecular and cellular cognition: a focus on LTP and learning and memory.** Annual Review of Genetics (2002), 36 687-720. CODEN: ARVGB7 ISSN:0066-4197. CAN 138:382515 AN 2003:37388 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 392:

Frank, Konrad F.; Bolck, Birgit; Erdmann, Erland; Schwinger, Robert H. G. **Sarcoplasmic reticulum Ca₂₊-ATPase modulates cardiac contraction and relaxation.** Cardiovascular Research (2003), 57(1), 20-27. CODEN: CVREAU ISSN:0008-6363. CAN 138:399021 AN 2002:970604 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 393:

Ho, Melisa W. Y.; Shears, Stephen B. **Regulation of calcium-activated chloride channels by inositol 3,4,5,6-tetrakisphosphate.** Current Topics in Membranes (2002), 53(Calcium-Activated Chloride Channels), 345-363. CODEN: CTMEET ISSN:1063-5823. CAN 139:162318 AN 2002:943988 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 394:

Nilius, Bernd; Droogmans, Guy. **Calcium-activated chloride channels in vascular endothelial cells.** Current Topics in Membranes (2002), 53(Calcium-Activated Chloride Channels), 327-344. CODEN: CTMEET ISSN:1063-5823. CAN 139:162317 AN 2002:943987 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 395:

Gray, Michael A.; Winpenny, John P.; Verdon, Bernard; O'Reilly, Catherine M.; Argent, Barry E. **Properties and role of calcium-activated chloride channels in pancreatic duct cells.** Current Topics in Membranes

Calmodulin for Abdullah

(2002), 53(Calcium-Activated Chloride Channels), 231-256. CODEN: CTMEET ISSN:1063-5823. CAN 139:162313 AN 2002:943983 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 396:

Zhukov, Andrei; Suckau, Detlev; Buijs, Jos. **SPR-MS: realizing the promise of pharmacogenomics.** American Biotechnology Laboratory (2002), 20(12), 10, 12. CODEN: ABLAEY ISSN:0749-3223. CAN 139:175964 AN 2002:934383 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 397:

Browne, Gareth J.; Proud, Christopher G. **Regulation of peptide-chain elongation in mammalian cells.** European Journal of Biochemistry (2002), 269(22), 5360-5368. CODEN: EJBCAI ISSN:0014-2956. CAN 138:118880 AN 2002:908545 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 398:

Venema, Richard C. **Post-translational mechanisms of endothelial nitric oxide synthase regulation by bradykinin.** International Immunopharmacology (2002), 2(13-14), 1755-1762. CODEN: IINMBA ISSN:1567-5769. CAN 138:198710 AN 2002:895263 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 399:

Seta, Karen; Kim, Hie-Won; Ferguson, Tsuneo; Kim, Richard; Pathrose, Peterson; Yuan, Yong; Lu, Gang; Spicer, Zachary; Millhorn, David E. **Genomic and physiological analysis of oxygen sensitivity and hypoxia tolerance in PC12 cells.** Annals of the New York Academy of Sciences (2002), 971(Chromaffin Cell), 379-388. CODEN: ANYAA9 ISSN:0077-8923. CAN 138:202425 AN 2002:892640 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 400:

Kobayashi, Hideyuki; Shiraishi, Seiji; Yanagita, Toshihiko; Yokoo, Hiroki; Yamamoto, Ryuichi; Minami, Shin-Ichi; Saitoh, Tomokazu; Wada, Akihiko. **Regulation of voltage-dependent sodium channel expression in adrenal chromaffin cells: involvement of multiple calcium signaling pathways.** Annals of the New York Academy of Sciences (2002), 971(Chromaffin Cell), 127-134. CODEN: ANYAA9 ISSN:0077-8923. CAN 138:300843 AN 2002:892591 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 401:

Kuznetsova, L. A. **Regulatory properties of adenylyl cyclase isoforms.** Journal of Evolutionary Biochemistry and Physiology (Translation of Zhurnal Evolyutsionnoi Biokhimii i Fiziologii) (2002), 38(4), 371-391. CODEN: JEBPA9 ISSN:0022-0930. CAN 138:119137 AN 2002:885139 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 402:

El Far, Oussama; Betz, Heinrich. **G-protein-coupled receptors for neurotransmitter amino acids: C-terminal tails, crowded signalosomes.** Biochemical Journal (2002), 365(2), 329-336. CODEN: BIJOAK ISSN:0264-6021. CAN 138:101056 AN 2002:875979 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 403:

Shohat, Galit; Shani, Gidi; Eisenstein, Miriam; Kimchi, Adi. **The DAP-kinase family of proteins: study of a novel group of calcium-regulated death-promoting kinases.** Biochimica et Biophysica Acta, Proteins and Proteomics (2002), 1600(1-2), 45-50. CODEN: BBAPBW ISSN:1570-9639. CAN 138:102686 AN 2002:874285 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 404:

Nadif Kasri, Nael; Bultynck, Geert; Sienraert, Ilse; Callewaert, Geert; Erneux, Christophe; Missiaen, Ludwig; Parys, Jan B.; De Smedt, Humbert. **The role of calmodulin for inositol 1,4,5-trisphosphate receptor function.** Biochimica et Biophysica Acta, Proteins and Proteomics (2002), 1600(1-2), 19-31. CODEN: BBAPBW ISSN:1570-9639. CAN 138:268747 AN 2002:874282 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 405:

Hudmon, Andy; Schulman, Howard. **Neuronal Ca²⁺/calmodulin-dependent protein kinase II: the role of structure and autoregulation in cellular function.** Annual Review of Biochemistry (2002), 71 473-510. CODEN: ARBOAW ISSN:0066-4154. CAN 138:250510 AN 2002:864648 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 406:

Steward, Oswald. **mRNA at synapses, synaptic plasticity, and memory consolidation.** Neuron (2002), 36(3), 338-340. CODEN: NERNET ISSN:0896-6273. CAN 138:251875 AN 2002:849253 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 407:

Quiroga, Florante A. **Paradigms for protein-ligand interactions.** ACS Symposium Series (2002), 827(Structures and Mechanisms), 216-230. CODEN: ACSMC8 ISSN:0097-6156. CAN 138:51426 AN 2002:842930 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 408:

Itzhak, Yossef; Martin, Julio L.; Ali, Syed F. **Nitric oxide-dependent processes in the action of psychostimulants.** Glutamate and Addiction (2003), 229-242. CODEN: 69DFUJ CAN 139:64 AN

Calmodulin for Abdullah

2002:838591 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 409:

Fox, Deborah S.; Heitman, Joseph. **Good fungi gone bad: The corruption of calcineurin.** BioEssays (2002), 24(10), 894-903. CODEN: BIOEEJ ISSN:0265-9247. CAN 137:366053 AN 2002:822030 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 410:

Cammarota, Martin; Bevilaqua, Lia R. M.; Viola, Haydee; Kerr, Daniel S.; Reichmann, Bruno; Teixeira, Viviane; Bulla, Mario; Izquierdo, Ivan; Medina, Jorge H. **Participation of CaMKII in neuronal plasticity and memory formation.** Cellular and Molecular Neurobiology (2002), 22(3), 259-267. CODEN: CMNEDI ISSN:0272-4340. CAN 138:365877 AN 2002:797196 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 411:

Kimura, Hideo. **Hydrogen sulfide as a neuromodulator.** Molecular Neurobiology (2002), 26(1), 13-19. CODEN: MONBEW ISSN:0893-7648. CAN 138:83499 AN 2002:796141 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 412:

Hoit, Brian D. **Relaxation...It's not getting any easier.** Journal of Molecular and Cellular Cardiology (2002), 34(9), 1135-1139. CODEN: JMCDAY ISSN:0022-2828. CAN 138:351371 AN 2002:775882 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 413:

Takano, Hiroyuki; Zou, Yunzeng; Akazawa, Hiroshi; Toko, Haruhiro; Mizukami, Miho; Hasegawa, Hiroshi; Asakawa, Masayuki; Nagai, Toshio; Komuro, Issei. **Inhibitory molecules in signal transduction pathways of cardiac hypertrophy.** Hypertension Research (2002), 25(4), 491-498. CODEN: HRESE4 ISSN:0916-9636. CAN 138:269052 AN 2002:774866 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 414:

Reilly, John T. **Cytogenetic and Molecular Genetic Aspects of Idiopathic Myelofibrosis.** Acta Haematologica (2002), 108(3), 113-119. CODEN: ACHAHA ISSN:0001-5792. CAN 138:167461 AN 2002:771882 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 415:

Dautin, N.; Karimova, G.; Ladant, D. **Bordetella pertussis adenylate cyclase toxin: a versatile screening tool.** Toxicon (2002), 40(10), 1383-1387. CODEN: TOXIA6 ISSN:0041-0101. CAN 138:118548 AN

Calmodulin for Abdullah

2002:738526 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 416:

Nishida, Clinton R.; Knudsen, Giselle; Straub, Wesley; Ortiz de Montellano, Paul R. **Electron supply and catalytic oxidation of nitrogen by cytochrome P450 and nitric oxide synthase.** Drug Metabolism Reviews (2002), 34(3), 479-501. CODEN: DMTRAR ISSN:0360-2532. CAN 138:250508 AN 2002:733720 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 417:

Schumacher, Andrew M.; Velentza, Anastasia V.; Watterson, D. Martin. **Death associated protein kinase as a potential therapeutic target.** Expert Opinion on Therapeutic Targets (2002), 6(4), 497-506. CODEN: EOTTAO ISSN:1472-8222. CAN 138:231181 AN 2002:705970 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 418:

Stein, Monica; Somerville, Shauna C. **MLO, a novel modulator of plant defenses and cell death, binds calmodulin.** Trends in Plant Science (2002), 7(9), 379-380. CODEN: TPSCF9 ISSN:1360-1385. CAN 137:366294 AN 2002:701490 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 419:

Maier, Lars S.; Bers, Donald M. **Calcium, calmodulin, and calcium-calmodulin kinase II: Heartbeat to heartbeat and beyond.** Journal of Molecular and Cellular Cardiology (2002), 34(8), 919-939. CODEN: JMCDAY ISSN:0022-2828. CAN 138:202029 AN 2002:682487 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 420:

Harley, Vincent R. **The molecular action of testis-determining factors SRY and SOX9.** Novartis Foundation Symposium (2002), 244(Genetics and Biology of Sex Determination), 57-67. CODEN: NFSYF7 ISSN:1528-2511. CAN 138:86911 AN 2002:681030 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 421:

Ganitkevich, Vladimir; Hasse, Veronika; Pfitzer, Gabriele. **Ca²⁺-dependent and Ca²⁺-independent regulation of smooth muscle contraction.** Journal of Muscle Research and Cell Motility (2002), 23(1), 47-52. CODEN: JMRMD3 ISSN:0142-4319. CAN 138:235096 AN 2002:663760 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 422:

Chahdi, Ahmed; Choi, Wahn Soo; Kim, Young Mi; Fraundorfer, Paul F.; Beaven, Michael A. **Serine/threonine protein kinases synergistically regulate phospholipase D1 and 2 and secretion in RBL-2H3 mast cells.** Molecular Immunology (2002), 38(16-18), 1269-1276. CODEN: MOIMD5 ISSN:0161-5890. CAN 137:261461 AN 2002:662661 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 423:

Ng, M. H.-L. **Death associated protein kinase: from regulation of apoptosis to tumor suppressive functions and B cell malignancies.** Apoptosis (2002), 7(3), 261-270. CODEN: APOPFN ISSN:1360-8185. CAN 137:350090 AN 2002:642172 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 424:

Benaim, Gustavo; Villalobo, Antonio. **Phosphorylation of calmodulin: Functional implications.** European Journal of Biochemistry (2002), 269(15), 3619-3631. CODEN: EJBCAI ISSN:0014-2956. CAN 137:274516 AN 2002:640152 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 425:

Choi, Wahn Soo; Chahdi, Ahmed; Kim, Young Mi; Fraundorfer, Paul F.; Beaven, Michael A. **Regulation of phospholipase D and secretion in mast cells by protein kinase A and other protein kinases.** Annals of the New York Academy of Sciences (2002), 968(Protein Kinase A and Human Disease), 198-212. CODEN: ANYAA9 ISSN:0077-8923. CAN 138:13239 AN 2002:580929 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 426:

Ikura, Mitsuhiro; Osawa, Masanori; Ames, James B. **The role of calcium-binding proteins in the control of transcription: structure to function.** BioEssays (2002), 24(7), 625-636. CODEN: BIOEEJ ISSN:0265-9247. CAN 137:136416 AN 2002:580440 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 427:

Kaupp, U. Benjamin; Seifert, Reinhard. **Cyclic nucleotide-gated ion channels.** Physiological Reviews (2002), 82(3), 769-824. CODEN: PHREA7 ISSN:0031-9333. CAN 137:364915 AN 2002:574553 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 428:

Ashby, Michael C.; Tepikin, Alexei V. **Polarized calcium and calmodulin signaling in secretory epithelia.** Physiological Reviews (2002), 82(3), 701-734. CODEN: PHREA7 ISSN:0031-9333. CAN 137:366844 AN 2002:574551 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 429:

Gelman, Irwin H. **The role of SSeCKS/Gravin/AKAP12 scaffolding proteins in the spatiotemporal control of signaling pathways in oncogenesis and development.** Frontiers in Bioscience [online computer file] (2002), 7 D1782-D1797. CODEN: FRBIF6 ISSN:1093-4715. CAN 137:367258 AN 2002:574257 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 430:

Tang, Wei; Sencer, Serap; Hamilton, Susan L. **Calmodulin modulation of proteins involved in excitation-contraction coupling.** Frontiers in Bioscience [online computer file] (2002), 7 D1583-D1589. CODEN: FRBIF6 ISSN:1093-4715. CAN 137:165041 AN 2002:571938 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 431:

Wagenknecht, Terence; Samso, Montserrat. **Three-dimensional reconstruction of ryanodine receptors.** Frontiers in Bioscience [online computer file] (2002), 7 D1464-D1474. CODEN: FRBIF6 ISSN:1093-4715. CAN 137:290387 AN 2002:571626 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 432:

Sugiura, Reiko; Sio, Susie O.; Shuntoh, Hisato; Kuno, Takayoshi. **Calcineurin phosphatase in signal transduction: Lessons from fission yeast.** Genes to Cells (2002), 7(7), 619-627. CODEN: GECEFL ISSN:1356-9597. CAN 137:244350 AN 2002:560245 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 433:

Ritchie, Sian M.; Swanson, Sarah J.; Gilroy, Simon. **From common signalling components to cell specific responses: insights from the cereal aleurone.** Physiologia Plantarum (2002), 115(3), 342-351. CODEN: PHPLAI ISSN:0031-9317. CAN 137:229271 AN 2002:545154 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 434:

Goligorsky, Michael S.; Li, Hong; Brodsky, Sergey; Chen, Jun. **Relationships between caveolae and eNOS: everything in proximity and the proximity of everything.** American Journal of Physiology (2002), 283(1, Pt. 2), F1-F10. CODEN: AJPHAP ISSN:0002-9513. CAN 137:292002 AN 2002:544764 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 435:

Fasano, Jeremiah M.; Massa, Gioia D.; Gilroy, Simon. **Ionic signaling in plant responses to gravity and touch.** Journal of Plant Growth Regulation (2002), 21(2), 71-88. CODEN: JPGRDI ISSN:0721-7595. CAN

Calmodulin for Abdullah

137:182277 AN 2002:537117 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 436:

Day, Robert B.; Akimoto-Tomiya, Chiharu; Yazaki, Junshi; Nakamura, Keiko; Fujii, Fumiko; Shimbo, Kanako; Yamamoto, Kimiko; Sakata, Katsumi; Sasaki, Takuji; Kishimoto, Naoki; Kikuchi, Shoshi; Shibuya, Naoto; Minami, Eiichi. **Large-scale identification of elicitor-responsive genes in suspension-cultured rice cells by DNA microarray.** Plant Biotechnology (Tokyo, Japan) (2002), 19(2), 153-155. CODEN: PLBIF6 ISSN:1342-4580. CAN 137:75832 AN 2002:525489 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 437:

Hudmon, Andy; Schulman, Howard. **Structure-function of the multifunctional Ca²⁺/calmodulin-dependent protein kinase II.** Biochemical Journal (2002), 364(3), 593-611. CODEN: BIJOAK ISSN:0264-6021. CAN 137:197352 AN 2002:519152 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 438:

Wu, Kenneth K. **Regulation of endothelial nitric oxide synthase activity and gene expression.** Annals of the New York Academy of Sciences (2002), 962(Nitric Oxide), 122-130. CODEN: ANYAA9 ISSN:0077-8923. CAN 137:307673 AN 2002:512660 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 439:

McLaughlin, Stuart; Wang, Jiyao; Gambhir, Alok; Murray, Diana. **PIP2 and proteins: interactions, organization, and information flow.** Annual Review of Biophysics and Biomolecular Structure (2002), 31 151-175. CODEN: ABBSE4 ISSN:1056-8700. CAN 137:181157 AN 2002:508485 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 440:

Luan, Sheng; Kudla, Jorg; Rodriguez-Concepcion, Manuel; Yalovsky, Shaul; Grussem, Wilhelm. **Calmodulins and calcineurin B-like proteins: calcium sensors for specific signal response coupling in plants.** Plant Cell (2002), 14(Suppl.), S389-S400. CODEN: PLCEEW ISSN:1040-4651. CAN 138:166588 AN 2002:449301 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 441:

Sasaki, Yasuharu; Suzuki, Masaaki; Hidaka, Hiroyoshi. **The novel and specific Rho-kinase inhibitor (S)-(+)-2-methyl-1-[(4-methyl-5-isoquinoline)sulfonyl]-homopiperazine as a probing molecule for Rho-kinase-involved pathway.** Pharmacology & Therapeutics (2002), 93(2-3), 225-232. CODEN: PHTHDT ISSN:0163-7258. CAN 137:290688 AN 2002:440284 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 442:

Velentza, Anastasia V.; Schumacher, Andrew M.; Watterson, D. Martin. **Structure, activity, regulation, and inhibitor discovery for a protein kinase associated with apoptosis and neuronal death.** Pharmacology & Therapeutics (2002), 93(2-3), 217-224. CODEN: PHTHDT ISSN:0163-7258. CAN 137:197348 AN 2002:440283 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 443:

Wilkins, Benjamin J.; Molkentin, Jeffery D. **Calcineurin and cardiac hypertrophy: Where have we been? Where are we going?** Journal of Physiology (Cambridge, United Kingdom) (2002), 541(1), 1-8. CODEN: JPHYA7 ISSN:0022-3751. CAN 137:138191 AN 2002:434977 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 444:

Bootman, Martin D.; Berridge, Michael J.; Roderick, H. Llewelyn. **Activating calcium release through inositol 1,4,5-triphosphate receptors without inositol 1,4,5-triphosphate.** Proceedings of the National Academy of Sciences of the United States of America (2002), 99(11), 7320-7322. CODEN: PNASA6 ISSN:0027-8424. CAN 138:165227 AN 2002:434751 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 445:

Fink, Charles C.; Meyer, Tobias. **Molecular mechanisms of CaMKII activation in neuronal plasticity.** Current Opinion in Neurobiology (2002), 12(3), 293-299. CODEN: COPUEN ISSN:0959-4388. CAN 137:198616 AN 2002:418331 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 446:

Palfi, Arpad; Kortvely, Elod; Fekete, Eva; Kovacs, Beatrix; Varszegi, Szilvia; Gulya, Karoly. **Differential calmodulin gene expression in the rodent brain.** Life Sciences (2002), 70(24), 2829-2855. CODEN: LIFSAK ISSN:0024-3205. CAN 137:291970 AN 2002:406301 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 447:

Agell, Neus; Bachs, Oriol; Rocamora, Nati; Villalonga, Priam. **Modulation of the Ras/Raf/MEK/ERK pathway by Ca²⁺, and Calmodulin.** Cellular Signalling (2002), 14(8), 649-654. CODEN: CESIEY ISSN:0898-6568. CAN 137:382567 AN 2002:383304 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 448:

Shobe, Justin. **The role of PKA, CaMKII, and PKC in avoidance conditioning: Permissive or instructive?** Neurobiology of Learning and Memory (2002), 77(3), 291-312. CODEN: NLMEFR ISSN:1074-7427. CAN

Calmodulin for Abdullah

137:166533 AN 2002:329917 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 449:

Selcher, Joel C.; Weeber, Edwin J.; Varga, Andrew W.; Sweatt, J. David; Swank, Michael. **Protein kinase signal transduction cascades in mammalian associative conditioning.** Neuroscientist (2002), 8(2), 122-131. CODEN: NROSFJ ISSN:1073-8584. CAN 136:398922 AN 2002:317385 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 450:

Dong, Xianping; Zhi, Gang; Xu, Tianle. **Calmodulin modulation of ion channels and receptors.** Progress in Natural Science (2002), 12(4), 241-248. CODEN: PNASEA ISSN:1002-0071. CAN 137:18041 AN 2002:310810 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 451:

Chambliss, Ken L.; Shaul, Philip W. **Rapid activation of endothelial NO synthase by estrogen: evidence for a steroid receptor fast-action complex (SRFC) in caveolae.** Steroids (2002), 67(6), 413-419. CODEN: STEDAM ISSN:0039-128X. CAN 137:73318 AN 2002:282233 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 452:

Hoeflich, Klaus P.; Ikura, Mitsuhiro. **Calmodulin in action: diversity in target recognition and activation mechanisms.** Cell (Cambridge, MA, United States) (2002), 108(6), 739-742. CODEN: CELLB5 ISSN:0092-8674. CAN 136:336681 AN 2002:257305 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 453:

Rongo, Christopher. **A fresh look at the role of CaMKII in hippocampal synaptic plasticity and memory.** BioEssays (2002), 24(3), 223-233. CODEN: BIOEEJ ISSN:0265-9247. CAN 136:383251 AN 2002:255648 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 454:

Saimi, Yoshiro; Kung, Ching. **Calmodulin as an ion channel subunit.** Annual Review of Physiology (2002), 64 289-311. CODEN: ARPHAD ISSN:0066-4278. CAN 136:320860 AN 2002:255525 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 455:

Shibasaki, Futoshi; Hallin, Ulrika; Uchino, Hiroyuki. **Cacineurin as a multifunctional regulator.** Journal of Biochemistry (Tokyo, Japan) (2002), 131(1), 1-15. CODEN: JOBIAO ISSN:0021-924X. CAN 136:322431 AN

Calmodulin for Abdullah

2002:239904 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 456:

Lisman, John; Schulman, Howard; Cline, Hollis. **The molecular basis of CaMKII function in synaptic and behavioral memory.** Nature Reviews Neuroscience (2002), 3(3), 175-190. CODEN: RNAAN
ISSN:1471-003X. CAN 136:338049 AN 2002:225867 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 457:

Balshaw, D. M.; Yamaguchi, N.; Meissner, G. **Modulation of intracellular calcium-release channels by calmodulin.** Journal of Membrane Biology (2002), 185(1), 1-8. CODEN: JMBBBO ISSN:0022-2631. CAN 137:59035 AN 2002:218855 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 458:

Bahler, Martin; Rhoads, Allen. **Calmodulin signaling via the IQ motif.** FEBS Letters (2002), 513(1), 107-113. CODEN: FEBLAL ISSN:0014-5793. CAN 136:305605 AN 2002:213071 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 459:

Michiels, Jan; Xi, Chuanwu; Verhaert, Jan; Vanderleyden, Jos. **The functions of Ca²⁺ in bacteria: a role for EF-hand proteins?** Trends in Microbiology (2002), 10(2), 87-93. CODEN: TRMIEA ISSN:0966-842X. CAN 136:321737 AN 2002:199667 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 460:

Meador, William E.; Quiocho, Florante A. **Man bites dog.** Nature Structural Biology (2002), 9(3), 156-158. CODEN: NSBIEW ISSN:1072-8368. CAN 136:336335 AN 2002:198745 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 461:

Puppo, Francesco; Contini, Paola; Ghio, Massimo; Indiveri, Francesco. **Soluble HLA class I molecules/CD8 ligation trigger apoptosis of CD8+ cells by Fas/Fas-ligand interaction.** TheScientificWorld [online computer file] (2002), 2 421-423. CODEN: THESAS ISSN:1532-2246. CAN 137:153406 AN 2002:184557 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 462:

Arbuzova, Anna; Schmitz, Arndt A. P.; Vergeres, Guy. **Cross-talk unfolded: MARCKS proteins.** Biochemical Journal (2002), 362(1), 1-12. CODEN: BIJOAK ISSN:0264-6021. CAN 136:274886 AN 2002:183551 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 463:

Blask, David E.; Sauer, Leonard A.; Dauchy, Robert T. **Melatonin as a chronobiotic/anticancer agent: cellular, biochemical, and molecular mechanisms of action and their implications for circadian-based cancer therapy.** Current Topics in Medicinal Chemistry (Hilversum, Netherlands) (2002), 2(2), 113-132. CODEN: CTMCCL ISSN:1568-0266. CAN 136:319476 AN 2002:182994 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 464:

Roman, Linda J.; Martasek, Pavel; Masters, Bettie Sue Siler. **Intrinsic and Extrinsic Modulation of Nitric Oxide Synthase Activity.** Chemical Reviews (Washington, D. C.) (2002), 102(4), 1179-1189. CODEN: CHREAY ISSN:0009-2665. CAN 136:365562 AN 2002:175650 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 465:

Sagami, Ikuko; Sato, Yuko; Noguchi, Tomoko; Miyajima, Michihito; Rozhkova, Elena; Daff, Simon; Shimizu, Toru. **Electron transfer in nitric-oxide synthase.** Coordination Chemistry Reviews (2002), 226(1-2), 179-186. CODEN: CCHRAM ISSN:0010-8545. CAN 136:351863 AN 2002:170917 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 466:

Torok, Katalin; Thorogate, Richard; Howell, Steven. **Studying the spatial distribution of Ca²⁺-binding proteins: How does it work for calmodulin?** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 383-407. CODEN: MMBIED ISSN:1064-3745. CAN 137:213018 AN 2002:141434 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 467:

Persechini, Anthony. **Monitoring the intracellular free Ca²⁺-calmodulin concentration with genetically-encoded fluorescent indicator proteins.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 365-382. CODEN: MMBIED ISSN:1064-3745. CAN 137:213017 AN 2002:141433 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 468:

Walsh, Michael P.; Van Lierop, Jacquelyn E.; Sutherland, Cindy; Kondo, Ritsu; Johnson, J. David. **Enzymatic assays to compare calmodulin isoforms, mutants, and chimeras.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 339-354. CODEN: MMBIED ISSN:1064-3745. CAN 137:243716 AN 2002:141431 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 469:

Kobayashi, Ryoji. **Use of calmodulin antagonists and S-100 protein interacting drugs for affinity chromatography.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 325-337. CODEN: MMBIED ISSN:1064-3745. CAN 137:275102 AN 2002:141430 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 470:

Drakenberg, Torbjörn. **Calcium-43 NMR of calcium-binding proteins.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 217-230. CODEN: MMBIED ISSN:1064-3745. CAN 137:213012 AN 2002:141423 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 471:

Berliner, Lawrence J. **Electron magnetic resonance studies of calcium-binding proteins.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 195-204. CODEN: MMBIED ISSN:1064-3745. CAN 137:213010 AN 2002:141421 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 472:

Brokx, Richard D.; Vogel, Hans J. **Proteolytic fragments of calcium-binding proteins.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 183-193. CODEN: MMBIED ISSN:1064-3745. CAN 137:213009 AN 2002:141420 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 473:

Doherty-Kirby, Amanda L.; Lajoie, Gilles A. **Investigation of calcium-binding proteins using electrospray ionization mass spectrometry.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 161-174. CODEN: MMBIED ISSN:1064-3745. CAN 137:213008 AN 2002:141418 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 474:

Johnson, J. David; Tikunova, Svetlana B. **Fluorescence methods for measuring calcium affinity and calcium exchange with proteins.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 89-102. CODEN: MMBIED ISSN:1064-3745. CAN 137:213005 AN 2002:141412 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 475:

Weljie, Aalim M.; Vogel, Hans J. **Steady-state fluorescence spectroscopy.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 75-87. CODEN: MMBIED ISSN:1064-3745. CAN 137:213004 AN 2002:141411 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 476:

Haiech, Jacques; Kilhoffer, Marie-Claude. **Deconvolution of calcium-binding curves: Facts and fantasies.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 25-42. CODEN: MMBIED ISSN:1064-3745. CAN 137:213001 AN 2002:141408 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 477:

Yazawa, Michio. **Quantitative analysis of Ca²⁺-binding by flow dialysis.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 173(Calcium-Binding Protein Protocols, Volume 2), 3-14. CODEN: MMBIED ISSN:1064-3745. CAN 137:213000 AN 2002:141406 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 478:

Bogatcheva, N. V.; Garcia, J. G. N.; Verin, A. D. **Molecular mechanisms of thrombin-induced endothelial cell permeability.** Biochemistry (Moscow, Russian Federation)(Translation of Biokhimiya (Moscow, Russian Federation)) (2002), 67(1), 75-84. CODEN: BIORAK ISSN:0006-2979. CAN 136:260684 AN 2002:140718 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 479:

Hagemann, Dirk; Xiao, Rui-Ping. **Dual site phospholamban phosphorylation and its physiological relevance in the heart.** Trends in Cardiovascular Medicine (2002), 12(2), 51-56. CODEN: TCMDEQ ISSN:1050-1738. CAN 136:366769 AN 2002:133759 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 480:

Buaboocha, Teerapong; Zielinski, Raymond E. **Calmodulin.** Annual Plant Reviews (2002), 7(Protein-Protein Interactions in Plant Biology), 285-313. CODEN: APLRFE ISSN:1460-1494. CAN 136:291664 AN 2002:132397 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 481:

Zhang, Weiguo. **Old and new tools to dissect calcineurin's role in pressure-overload cardiac hypertrophy.** Cardiovascular Research (2002), 53(2), 294-303. CODEN: CVREAU ISSN:0008-6363. CAN

Calmodulin for Abdullah

136:338369 AN 2002:106710 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 482:

Nesher, Rafael; Anteby, Eyal; Yedovizky, Michael; Warwar, Nasim; Kaiser, Nurit; Cerasi, Erol. **β-Cell protein kinases and the dynamics of the insulin response to glucose.** Diabetes (2002), 51(Suppl. 1), S68-S73. CODEN: DIAEAZ ISSN:0012-1797. CAN 136:276830 AN 2002:102913 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 483:

Arlot-Bonnemains, Yannick; Prigent, Claude. **Perspectives: Cell cycle: A trigger for centrosome duplication.** Science (Washington, DC, United States) (2002), 295(5554), 455-456. CODEN: SCIEAS ISSN:0036-8075. CAN 136:195708 AN 2002:78805 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 484:

Yang, Seun-Ah; Klee, Claude. **Study of calcineurin structure by limited proteolysis.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 172(Calcium-Binding Protein Protocols, Volume 1), 317-334. CODEN: MMBIED ISSN:1064-3745. CAN 137:137006 AN 2002:69187 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 485:

Putkey, John A.; Liu, Wen. **Isolation of recombinant cardiac troponin C.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 172(Calcium-Binding Protein Protocols, Volume 1), 151-160. CODEN: MMBIED ISSN:1064-3745. CAN 137:137000 AN 2002:69174 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 486:

Zielinski, Raymond E. **Preparation of recombinant plant calmodulin isoforms.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 172(Calcium-Binding Protein Protocols, Volume 1), 143-149. CODEN: MMBIED ISSN:1064-3745. CAN 137:136999 AN 2002:69173 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 487:

Vogel, Hans J.; Brokx, Richard D.; Ouyang, Hui. **Calcium-binding proteins.** Methods in Molecular Biology (Totowa, NJ, United States) (2002), 172(Calcium-Binding Protein Protocols, Volume 1), 3-20. CODEN: MMBIED ISSN:1064-3745. CAN 136:212369 AN 2002:69167 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Calmodulin for Abdullah

Answer 488:

Persechini, Anthony; Stemmer, Paul M. **Calmodulin is a limiting factor in the cell.** Trends in Cardiovascular Medicine (2002), 12(1), 32-37. CODEN: TCMDEQ ISSN:1050-1738. CAN 136:365307 AN 2002:41194 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 489:

Haeseleer, Francoise; Imanishi, Yoshikazu; Sokal, Izabela; Filipek, Slawomir; Palczewski, Krzysztof. **Calcium-Binding Proteins: Intracellular Sensors from the Calmodulin Superfamily.** Biochemical and Biophysical Research Communications (2002), 290(2), 615-623. CODEN: BBRCA9 ISSN:0006-291X. CAN 136:244755 AN 2002:27230 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

Answer 490:

Choi Jaehyun; Husain Mansoor **Calmodulin-mediated cell cycle regulation: new mechanisms for old observations.** Cell cycle (Georgetown, Tex.) (2006), 5(19), 2183-6. Journal code: 101137841. E-ISSN:1551-4005. PubMed ID 16969097 AN 2006670534 In-process for MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 491:

McNamara James O; Huang Yang Zhong; Leonard A Soren **Molecular signaling mechanisms underlying epileptogenesis.** Science's STKE [electronic resource] : signal transduction knowledge environment (2006), 2006(356), re12. Journal code: 100964423. E-ISSN:1525-8882. PubMed ID 17033045 AN 2006602062 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 492:

Ashery Uri; Yizhar Ofer; Rotblat Barak; Kloog Yoel **Nonconventional trafficking of Ras associated with Ras signal organization.** Traffic (Copenhagen, Denmark) (2006), 7(9), 119-26. Journal code: 100939340. ISSN:1398-9219. PubMed ID 16824054 AN 2006572691 In-process for MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 493:

Phrommintikul Arintaya; Chattipakorn Nipon **Roles of cardiac ryanodine receptor in heart failure and sudden cardiac death.** International journal of cardiology (2006), 112(2), 142-52. Journal code: 8200291. ISSN:0167-5273. PubMed ID 16701909 AN 2006554160 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 494:

Fukunaga Kohji; Han Feng; Shioda Norifumi; Moriguchi Shigeki; Kasahara Jiro; Shirasaki Yasufumi **DY-9760e, a**

Calmodulin for Abdullah

novel calmodulin inhibitor, exhibits cardioprotective effects in the ischemic heart. Cardiovascular drug reviews (2006), 24(2), 88-100. Journal code: 9006912. ISSN:0897-5957. PubMed ID 16961723 AN 2006536886 In-process for MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 495:

Malho R; Liu Q; Monteiro D; Rato C; Camacho L; Dinis A **Signalling pathways in pollen germination and tube growth.** Protoplasma (2006), 228(1-3), 21-30. Journal code: 9806853. ISSN:0033-183X. PubMed ID 16937051 AN 2006513141 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 496:

Connolly Brian; Desai Avinash; Garcia Charles A; Thomas Edgar; Gast Michael J **Squalamine lactate for exudative age-related macular degeneration.** Ophthalmology clinics of North America (2006), 19(3), 381-91, vi. Journal code: 8905383. ISSN:0896-1549. PubMed ID 16935213 AN 2006512899 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 497:

Burwell Richard Geoffrey; Dangerfield Peter Hugh **Pathogenesis of progressive adolescent idiopathic scoliosis. Platelet activation and vascular biology in immature vertebrae: an alternative molecular hypothesis.** Acta orthopaedica Belgica (2006), 72(3), 247-60. Journal code: 2985165R. ISSN:0001-6462. PubMed ID 16889135 AN 2006465767 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 498:

Hsueh Yi-Ping **The role of the MAGUK protein CASK in neural development and synaptic function.** Current medicinal chemistry (2006), 13(16), 1915-27. Journal code: 9440157. ISSN:0929-8673. PubMed ID 16842202 AN 2006421160 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 499:

Nosal Rado **Antiplatelet and antileukocyte effects of cardiovascular, immunomodulatory and chemotherapeutic drugs.** Cardiovascular & hematological agents in medicinal chemistry (2006), 4(3), 237-61. Journal code: 101266881. ISSN:1871-5257. PubMed ID 16842209 AN 2006420559 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 500:

Gray Lloyd S; Macdonald Timothy L **The pharmacology and regulation of T type calcium channels: new opportunities for unique therapeutics for cancer.** Cell calcium (2006), 40(2), 115-20. Journal code: 8006226. ISSN:0143-4160. PubMed ID 16806465 AN 2006394341 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 501:

Karlsson-Rosenthal Christina; Millar Jonathan B A **Cdc25: mechanisms of checkpoint inhibition and recovery.** Trends in cell biology (2006), 16(6), 285-92. Journal code: 9200566. ISSN:0962-8924. PubMed ID 16682204 AN 2006368479 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 502:

Alvania Rebecca S; Chen Xi; Ginty David D **Calcium signals control Wnt-dependent dendrite growth.** Neuron (2006), 50(6), 813-5. Journal code: 8809320. ISSN:0896-6273. PubMed ID 16772162 AN 2006358885 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 503:

Koledova Vera V; Khalil Raouf A **Ca2+, calmodulin, and cyclins in vascular smooth muscle cell cycle.** Circulation research (2006), 98(10), 1240-3. Journal code: 0047103. E-ISSN:1524-4571. PubMed ID 16728669 AN 2006297436 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 504:

Tilley Douglas G; Rockman Howard A **Role of beta-adrenergic receptor signaling and desensitization in heart failure: new concepts and prospects for treatment.** Expert review of cardiovascular therapy (2006), 4(3), 417-32. Journal code: 101182328. E-ISSN:1744-8344. PubMed ID 16716102 AN 2006287305 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 505:

Farthing Michael J G **Antisecretory drugs for diarrheal disease.** Digestive diseases (Basel, Switzerland) (2006), 24(1-2), 47-58. Journal code: 8701186. ISSN:0257-2753. PubMed ID 16699263 AN 2006279482 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 506:

Staessen Jan A; Bianchi Giuseppe **Adducin and hypertension.** Pharmacogenomics (2005), 6(7), 665-9. Journal code: 100897350. ISSN:1462-2416. PubMed ID 16207143 AN 2006270643 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 507:

Schwartz Robert J; Schneider Michael D **CAMTA in cardiac hypertrophy.** Cell (2006), 125(3), 427-9. Journal code: 0413066. ISSN:0092-8674. PubMed ID 16678087 AN 2006266783 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 508:

Wagner Stefan; Maier Lars S **Modulation of cardiac Na(+) and Ca(2+) currents by CaM and CaMKII.**

Journal of cardiovascular electrophysiology (2006), 17 Suppl 1 S26-S33. Journal code: 9010756.

ISSN:1045-3873. PubMed ID 16686679 AN 2006262897 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 509:

Halling D Brent; Aracena-Parks Paula; Hamilton Susan L **Regulation of voltage-gated Ca²⁺ channels by calmodulin.** Science's STKE [electronic resource] : signal transduction knowledge environment (2006), 2006(318), er1. Journal code: 100964423. E-ISSN:1525-8882. PubMed ID 16685765 AN 2006261342 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 510:

van de Graaf Stan F J; Hoenderop Joost G J; Bindels Rene J M **Regulation of TRPV5 and TRPV6 by associated proteins.** American journal of physiology. Renal physiology (2006), 290(6), F1295-302. Journal code: 100901990. ISSN:0363-6127. PubMed ID 16682485 AN 2006256962 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 511:

Souza Bruno R; Souza Renan P; Rosa Daniela V F; Guimaraes Melissa M; Correa Humberto; Romano-Silva Marco A **Dopaminergic intracellular signal integrating proteins: relevance to schizophrenia.** Dialogues in clinical neuroscience (2006), 8(1), 95-100. Journal code: 101238198. ISSN:1294-8322. PubMed ID 16640119 AN 2006233395 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 512:

Nakazawa Kazu **Inducible and cell-type restricted manipulation in the entorhinal cortex.** Neuron (2006), 50(2), 183-5. Journal code: 8809320. ISSN:0896-6273. PubMed ID 16630829 AN 2006225427 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 513:

Wamhoff Brian R; Bowles Douglas K; Owens Gary K **Excitation-transcription coupling in arterial smooth muscle.** Circulation research (2006), 98(7), 868-78. Journal code: 0047103. E-ISSN:1524-4571. PubMed ID 16614312 AN 2006207466 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 514:

Chen Ruey-Hwa; Wang Won-Jing; Kuo Jean-Cheng **The tumor suppressor DAP-kinase links cell adhesion**

Calmodulin for Abdullah

and cytoskeleton reorganization to cell death regulation. Journal of biomedical science (2006), 13(2), 193-9. Journal code: 9421567. ISSN:1021-7770. PubMed ID 16456710 AN 2006173754 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 515:

Kordowska Jolanta; Huang Renjian; Wang Chih-Lueh Albert **Phosphorylation of caldesmon during smooth muscle contraction and cell migration or proliferation.** Journal of biomedical science (2006), 13(2), 159-72. Journal code: 9421567. ISSN:1021-7770. PubMed ID 16453176 AN 2006173751 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 516:

Molkentin Jeffery D **Dichotomy of Ca²⁺ in the heart: contraction versus intracellular signaling.** The Journal of clinical investigation (2006), 116(3), 623-6. Journal code: 7802877. ISSN:0021-9738. PubMed ID 16511595 AN 2006161289 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 517:

Benoist Marion; Gaillard Stephane; Castets Francis **The striatin family: a new signaling platform in dendritic spines.** Journal of physiology, Paris (2006), 99(2-3), 146-53. Journal code: 9309351. ISSN:0928-4257. PubMed ID 16460920 AN 2006157669 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 518:

Hai Chi-Ming; Gu Zhizhan **Caldesmon phosphorylation in actin cytoskeletal remodeling.** European journal of cell biology (2006), 85(3-4), 305-9. Journal code: 7906240. ISSN:0171-9335. PubMed ID 16546574 AN 2006156742 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 519:

Olsen Olav; Moore Kimberly A; Nicoll Roger A; Bredt David S **Synaptic transmission regulated by a presynaptic MALS/Liprin-alpha protein complex.** Current opinion in cell biology (2006), 18(2), 223-7. Journal code: 8913428. ISSN:0955-0674. PubMed ID 16504495 AN 2006145360 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 520:

Manunta Paolo; Ferrandi Mara; Messaggio Elisabetta; Ferrari Patrizia **A new antihypertensive agent that antagonizes the prohypertensive effect of endogenous ouabain and adducin.** Cardiovascular & hematological agents in medicinal chemistry (2006), 4(1), 61-6. Journal code: 101266881. ISSN:1871-5257. PubMed ID 16529550 AN 2006141842 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 521:

Kuznetsova Tatiana; Staessen Jan A; Brand Eva; Cwynar Marcin; Stolarz Katarzyna; Thijs Lutgarde; Tikhonoff Valerie; Wojciechowska Wiktoria; Babeau Speranta; Brand-Herrmann Stefan-Martin; Casiglia Edoardo; Filipovsky Jan; Grodzicki Tomasz; Nikitin Yuri; Peleska Jan; Struijker-Boudier Harry; Bianchi Giuseppe; Kawecka-Jaszcz Kalina **Sodium excretion as a modulator of genetic associations with cardiovascular phenotypes in the European Project on Genes in Hypertension.** Journal of hypertension (2006), 24(2), 235-42. Journal code: 8306882. ISSN:0263-6352. PubMed ID 16508563 AN 2006122319 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 522:

Ferrari Patrizia; Ferrandi Mara; Valentini Giovanni; Bianchi Giuseppe **Rostafuroxin: an ouabain antagonist that corrects renal and vascular Na⁺-K⁺- ATPase alterations in ouabain and adducin-dependent hypertension.** American journal of physiology. Regulatory, integrative and comparative physiology (2006), 290(3), R529-35. Journal code: 100901230. ISSN:0363-6119. PubMed ID 16467500 AN 2006080357 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 523:

Minke Baruch; Parnas Moshe **Insights on TRP channels from in vivo studies in Drosophila.** Annual review of physiology (2006), 68 649-84. Journal code: 0370600. ISSN:0066-4278. PubMed ID 16460287 AN 2006074706 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 524:

Abramow-Newerly Maria; Roy Anju A; Nunn Caroline; Chidiac Peter **RGS proteins have a signalling complex: interactions between RGS proteins and GPCRs, effectors, and auxiliary proteins.** Cellular signalling (2006), 18(5), 579-91. Journal code: 8904683. ISSN:0898-6568. PubMed ID 16226429 AN 2006039075 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 525:

Dodson G; Verma C S **Protein flexibility: its role in structure and mechanism revealed by molecular simulations.** Cellular and molecular life sciences : CMS (2006), 63(2), 207-19. Journal code: 9705402. ISSN:1420-682X. PubMed ID 16389462 AN 2006025574 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 526:

White-Grindley Erica; Si Kausik **RISC-y Memories.** Cell (2006), 124(1), 23-6. Journal code: 0413066. ISSN:0092-8674. PubMed ID 16413478 AN 2006025546 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 527:

Wang John Q; Arora Anish; Yang Lu; Parekar Nikhil K; Zhang Guochi; Liu Xianyu; Choe Eun Sang; Mao Limin
Phosphorylation of AMPA receptors: mechanisms and synaptic plasticity. Molecular neurobiology (2005), 32(3), 237-49. Journal code: 8900963. ISSN:0893-7648. PubMed ID 16385140 AN 2005696215 MEDLINE
(Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 528:

Cook Simon J; Lockyer Peter J **Recent advances in Ca(2+)-dependent Ras regulation and cell proliferation.** Cell calcium (2006), 39(2), 101-12. Journal code: 8006226. ISSN:0143-4160. PubMed ID 16343616 AN 2005695794 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 529:

Halling D Brent; Aracena-Parks Paula; Hamilton Susan L **Regulation of voltage-gated Ca²⁺ channels by calmodulin.** Science's STKE [electronic resource] : signal transduction knowledge environment (2005), 2005(315), re15. Journal code: 100964423. E-ISSN:1525-8882. PubMed ID 16369047 AN 2005682090 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 530:

Zayzafoon Majd **Calcium/calmodulin signaling controls osteoblast growth and differentiation.** Journal of cellular biochemistry (2006), 97(1), 56-70. Journal code: 8205768. ISSN:0730-2312. PubMed ID 16229015 AN 2005673217 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 531:

Seales Eric C; Micoli Keith J; McDonald Jay M **Calmodulin is a critical regulator of osteoclastic differentiation, function, and survival.** Journal of cellular biochemistry (2006), 97(1), 45-55. Journal code: 8205768. ISSN:0730-2312. PubMed ID 16216008 AN 2005673216 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 532:

Greene Lloyd A; Angelastro James M **You can't go home again: transcriptionally driven alteration of cell signaling by NGF.** Neurochemical research (2005), 30(10), 1347-52. Journal code: 7613461. ISSN:0364-3190. PubMed ID 16341597 AN 2005658645 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 533:

Pande Jyoti; Grover Ashok K **Plasma membrane calcium pumps in smooth muscle: from fictional molecules to novel inhibitors.** Canadian journal of physiology and pharmacology (2005), 83(8-9), 743-54.

Calmodulin for Abdullah

Journal code: 0372712. ISSN:0008-4212. PubMed ID 16333376 AN 2005651092 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 534:

Bodi Ilona; Mikala Gabor; Koch Sheryl E; Akhter Shahab A; Schwartz Arnold **The L-type calcium channel in the heart: the beat goes on.** The Journal of clinical investigation (2005), 115(12), 3306-17. Journal code: 7802877. ISSN:0021-9738. PubMed ID 16322774 AN 2005640909 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 535:

Zheng Ming; Zhu Weizhong; Han Qide; Xiao Rui-Ping **Emerging concepts and therapeutic implications of beta-adrenergic receptor subtype signaling.** Pharmacology & therapeutics (2005), 108(3), 257-68. Journal code: 7905840. ISSN:0163-7258. PubMed ID 15979723 AN 2005638785 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 536:

Benitez-King Gloria **Melatonin as a cytoskeletal modulator: implications for cell physiology and disease.** Journal of pineal research (2006), 40(1), 1-9. Journal code: 8504412. ISSN:0742-3098. PubMed ID 16313492 AN 2005633801 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 537:

Larsson Christer **Protein kinase C and the regulation of the actin cytoskeleton.** Cellular signalling (2006), 18(3), 276-84. Journal code: 8904683. ISSN:0898-6568. PubMed ID 16109477 AN 2005627161 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 538:

Seow Chun Y **Myosin filament assembly in an ever-changing myofilament lattice of smooth muscle.** American journal of physiology. Cell physiology (2005), 289(6), C1363-8. Journal code: 100901225. ISSN:0363-6143. PubMed ID 16275736 AN 2005618844 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 539:

Bianchi Giuseppe **Genetic variations of tubular sodium reabsorption leading to "primary" hypertension: from gene polymorphism to clinical symptoms.** American journal of physiology. Regulatory, integrative and comparative physiology (2005), 289(6), R1536-49. Journal code: 100901230. ISSN:0363-6119. PubMed ID 16278339 AN 2005598381 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 540:

Dunker A Keith; Cortese Marc S; Romero Pedro; Iakoucheva Lilia M; Uversky Vladimir N **Flexible nets. The roles of intrinsic disorder in protein interaction networks.** The FEBS journal (2005), 272(20), 5129-48. Journal code: 101229646. ISSN:1742-464X. PubMed ID 16218947 AN 2005586886 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 541:

Tani Eiichi **Molecular mechanisms involved in development of cerebral vasospasm.** Neurosurgical focus [electronic resource] (2002), 12(3), ECP1. Journal code: 100896471. E-ISSN:1092-0684. PubMed ID 16212317 AN 2005539439 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 542:

Nijenhuis Tom; Hoenderop Joost G J; Bindels Rene J M **TRPV5 and TRPV6 in Ca(2+) (re)absorption: regulating Ca(2+) entry at the gate.** Pflugers Archiv : European journal of physiology (2005), 451(1), 181-92. Journal code: 0154720. ISSN:0031-6768. PubMed ID 16044309 AN 2005530505 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 543:

Tominaga Makoto; Tominaga Tomoko **Structure and function of TRPV1.** Pflugers Archiv : European journal of physiology (2005), 451(1), 143-50. Journal code: 0154720. ISSN:0031-6768. PubMed ID 15971082 AN 2005530495 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 544:

Munzel Thomas; Daiber Andreas; Mulsch Alexander **Explaining the phenomenon of nitrate tolerance.** Circulation research (2005), 97(7), 618-28. Journal code: 0047103. E-ISSN:1524-4571. PubMed ID 16195486 AN 2005521124 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 545:

Nakajima Akira; Tang Ya-Ping **Genetic approaches to the molecular/neuronal mechanisms underlying learning and memory in the mouse.** Journal of pharmacological sciences (2005), 99(1), 1-5. Journal code: 101167001. ISSN:1347-8613. PubMed ID 16141641 AN 2005505224 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 546:

Lincoln Thomas M; Wu Xing; Sellak Hassan; Dey Nupur; Choi Chung-Sik **Regulation of vascular smooth muscle cell phenotype by cyclic GMP and cyclic GMP-dependent protein kinase.** Frontiers in bioscience : a journal and virtual library (2006), 11 356-67. Journal code: 9709506. E-ISSN:1093-4715. PubMed ID

Calmodulin for Abdullah

16146737 AN 2005478146 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 547:

Santos Edgardo S; Raez Luis E; DeCesare Teresa; Singal Rakesh **DNA methylation: its role in lung carcinogenesis and therapeutic implications.** Expert review of anticancer therapy (2005), 5(4), 667-79. Journal code: 101123358. ISSN:1473-7140. PubMed ID 16111467 AN 2005447458 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 548:

Alrawi Sadir J; Tan Dongfeng; Sullivan Maureen; Winston Janet; Loree Thom; Hicks Wesley; Rigual Nestor **Peripheral primitive neuroectodermal tumor of the mandible with cytogenetic and molecular biology aberrations.** Journal of oral and maxillofacial surgery : official journal of the American Association of Oral and Maxillofacial Surgeons (2005), 63(8), 1216-21. Journal code: 8206428. ISSN:0278-2391. PubMed ID 16094594 AN 2005427794 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 549:

Schneider-Stock Regine; Roessner Albert; Ullrich Oliver **DAP-kinase--protector or enemy in apoptotic cell death.** The international journal of biochemistry & cell biology (2005), 37(9), 1763-7. Journal code: 9508482. ISSN:1357-2725. PubMed ID 16009322 AN 2005355955 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 550:

Wang Ping; Heitman Joseph **The cyclophilins.** Genome biology (2005), 6(7), 226. Journal code: 100960660. E-ISSN:1465-6914. PubMed ID 15998457 AN 2005346720 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 551:

Niemeyer Barbara A **Structure-function analysis of TRPV channels.** Naunyn-Schmiedeberg's archives of pharmacology (2005), 371(4), 285-94. Journal code: 0326264. ISSN:0028-1298. PubMed ID 15889240 AN 2005319361 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 552:

Zhuo Min **Canadian Association of Neuroscience review: Cellular and synaptic insights into physiological and pathological pain. EJLB-CIHR Michael Smith Chair in Neurosciences and Mental Health lecture.** The Canadian journal of neurological sciences. Le journal canadien des sciences neurologiques (2005), 32(1), 27-36. Journal code: 0415227. ISSN:0317-1671. PubMed ID 15825543 AN 2005192294 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 553:

Huber Tobias B; Benzing Thomas **The slit diaphragm: a signaling platform to regulate podocyte function.** Current opinion in nephrology and hypertension (2005), 14(3), 211-6. Journal code: 9303753. ISSN:1062-4821. PubMed ID 15821412 AN 2005187176 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 554:

Communal C; Colucci W S **The control of cardiomyocyte apoptosis via the beta-adrenergic signaling pathways.** Archives des maladies du coeur et des vaisseaux (2005), 98(3), 236-41. Journal code: 0406011. ISSN:0003-9683. PubMed ID 15816327 AN 2005183660 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 555:

Bianchi Giuseppe; Ferrari Patrizia; Staessen Jan A **Adducin polymorphism: detection and impact on hypertension and related disorders.** Hypertension (2005), 45(3), 331-40. Journal code: 7906255. E-ISSN:1524-4563. PubMed ID 15699449 AN 2005100580 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 556:

Dabrowska R; Kulikova N; Gagola M **Nonnuscle caldesmon: its distribution and involvement in various cellular processes. Review article.** Protoplasma (2004), 224(1-2), 1-13. Journal code: 9806853. ISSN:0033-183X. PubMed ID 15726805 AN 2005096447 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 557:

Schneider Martin F; Rodney George G **Peptide and protein modulation of local Ca²⁺ release events in permeabilized skeletal muscle fibers.** Biological research (2004), 37(4), 613-6. Journal code: 9308271. ISSN:0716-9760. PubMed ID 15709689 AN 2005080592 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 558:

Danila Cristina I; Hamilton Susan L **Phosphorylation of ryanodine receptors.** Biological research (2004), 37(4), 521-5. Journal code: 9308271. ISSN:0716-9760. PubMed ID 15709678 AN 2005080581 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 559:

Chieregatti Evelina; Meldolesi Jacopo **Regulated exocytosis: new organelles for non-secretory purposes.**

Calmodulin for Abdullah

Nature reviews. Molecular cell biology (2005), 6(2), 181-7. Journal code: 100962782. ISSN:1471-0072. PubMed ID 15688003 AN 2005059199 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 560:

McLaughlin Stuart; Hangyas-Mihalyne Gyongyi; Zaitseva Irina; Golebiewska Urszula **Reversible - through calmodulin - electrostatic interactions between basic residues on proteins and acidic lipids in the plasma membrane.** Biochemical Society symposium (2005), (72), 189-98. Journal code: 7506896. ISSN:0067-8694. PubMed ID 15649142 AN 2005023114 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 561:

Roberts Rhys; Lister Ida; Schmitz Stephan; Walker Matthew; Veigel Claudia; Trinick John; Buss Folma; Kendrick-Jones John **Myosin VI: cellular functions and motor properties.** Philosophical transactions of the Royal Society of London. Series B, Biological sciences (2004), 359(1452), 1931-44. Journal code: 7503623. ISSN:0962-8436. PubMed ID 15647169 AN 2005021583 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 562:

O'Malley Donald M; Sankrithi Nagarajan S; Borla Melissa A; Parker Sandra; Banden Serena; Gahtan Ethan; Detrich H William 3rd **Optical physiology and locomotor behaviors of wild-type and nacre zebrafish.** Methods in cell biology (2004), 76 261-84. Journal code: 0373334. ISSN:0091-679X. PubMed ID 15602880 AN 2004627519 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 563:

Mourez M **Anthrax toxins.** Reviews of physiology, biochemistry and pharmacology (2004), 152 135-64. Journal code: 0434624. ISSN:0303-4240. PubMed ID 15549606 AN 2004580316 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 564:

Chacko Samuel; Chang Shaohua; Hypolite Joseph; Disanto Michael; Wein Alan **Alteration of contractile and regulatory proteins following partial bladder outlet obstruction.** Scandinavian journal of urology and nephrology. Supplementum (2004), (215), 26-36. Journal code: 0153034. ISSN:0300-8886. PubMed ID 15545194 AN 2004573337 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 565:

Birkenmeier Connie S; Barker Jane E **Hereditary haemolytic anaemias: unexpected sequelae of mutations in the genes for erythroid membrane skeletal proteins.** The Journal of pathology (2004), 204(4), 450-9. Journal code: 0204634. ISSN:0022-3417. PubMed ID 15495268 AN 2004534208 MEDLINE (Copyright (C)

Calmodulin for Abdullah

2006 U.S. National Library of Medicine on SciFinder (R))

Answer 566:

Anbari Kevin K; Garino Jonathan P; Mackenzie Colin F **Hemoglobin substitutes.** European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society (2004), 13 Suppl 1 S76-82. Journal code: 9301980. ISSN:0940-6719. PubMed ID 15168238 AN 2004510088 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 567:

Naber C K; Siffert W **Genetics of human arterial hypertension.** Minerva medica (2004), 95(5), 347-56. Journal code: 0400732. ISSN:0026-4806. PubMed ID 15467511 AN 2004497756 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 568:

Ji Ru-Rong; Strichartz Gary **Cell signaling and the genesis of neuropathic pain.** Science's STKE [electronic resource] : signal transduction knowledge environment (2004), 2004(252), reE14. Journal code: 100964423. E-ISSN:1525-8882. PubMed ID 15454629 AN 2004486782 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 569:

Stocker Martin **Ca(2+)-activated K⁺ channels: molecular determinants and function of the SK family.** Nature reviews. Neuroscience (2004), 5(10), 758-70. Journal code: 100962781. ISSN:1471-003X. PubMed ID 15378036 AN 2004467713 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 570:

Ke Hengming; Huai Qing **Crystal structures of cyclophilin and its partners.** Frontiers in bioscience : a journal and virtual library (2004), 9 2285-96. Journal code: 9709506. E-ISSN:1093-4715. PubMed ID 15353287 AN 2004445736 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 571:

Ishii Masaru; Kurachi Yoshihisa **Assays of RGS protein modulation by phosphatidylinositides and calmodulin.** Methods in enzymology (2004), 389 105-18. Journal code: 0212271. ISSN:0076-6879. PubMed ID 15313562 AN 2004409289 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 572:

Tu Yaping; Wilkie Thomas M **Allosteric regulation of GAP activity by phospholipids in regulators of G-protein signaling.** Methods in enzymology (2004), 389 89-105. Journal code: 0212271.
ISSN:0076-6879. PubMed ID 15313561 AN 2004409288 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 573:

Bialik Shani; Kimchi Adi **DAP-kinase as a target for drug design in cancer and diseases associated with accelerated cell death.** Seminars in cancer biology (2004), 14(4), 283-94. Journal code: 9010218.
ISSN:1044-579X. PubMed ID 15219621 AN 2004320116 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 574:

Freeman Alex; Geddes Nicola; Munson Philippa; Joseph Jean; Ramani Pramila; Sandison Ann; Fisher Cyril; Parkinson M Connie **Anaplastic lymphoma kinase (ALK 1) staining and molecular analysis in inflammatory myofibroblastic tumours of the bladder: a preliminary clinicopathological study of nine cases and review of the literature.** Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc (2004), 17(7), 765-71. Journal code: 8806605. ISSN:0893-3952. PubMed ID 15105807 AN 2004296401 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 575:

Koopmans Richard P; Insel Paul A; Michel Martin C **Pharmacogenetics of hypertension treatment: a structured review.** Pharmacogenetics (2003), 13(12), 705-13. Journal code: 9211735. ISSN:0960-314X.
PubMed ID 14646689 AN 2004287955 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 576:

Lahiri Debomoy K; Greig Nigel H **Lethal weapon: amyloid beta-peptide, role in the oxidative stress and neurodegeneration of Alzheimer's disease.** Neurobiology of aging (2004), 25(5), 581-7. Journal code: 8100437. ISSN:0197-4580. PubMed ID 15172733 AN 2004274591 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 577:

Klein W L; Stine W B Jr; Teplow D B **Small assemblies of unmodified amyloid beta-protein are the proximate neurotoxin in Alzheimer's disease.** Neurobiology of aging (2004), 25(5), 569-80. Journal code: 8100437. ISSN:0197-4580. PubMed ID 15172732 AN 2004274590 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 578:

Luft Friedrich C **Geneticism of essential hypertension.** Hypertension (2004), 43(6), 1155-9. Journal code: 7906255. E-ISSN:1524-4563. PubMed ID 15117914 AN 2004268124 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 579:

Lowe Thomas G; Burwell R G; Dangerfield P H **Platelet calmodulin levels in adolescent idiopathic scoliosis (AIS): can they predict curve progression and severity? Summary of an electronic focus group debate of the IBSE.** European spine journal : official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society (2004), 13(3), 257-65. Journal code: 9301980. ISSN:0940-6719. PubMed ID 14714244 AN 2004234393 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 580:

Fagni Laurent; Ango Fabrice; Perroy Julie; Bockaert Joel **Identification and functional roles of metabotropic glutamate receptor-interacting proteins.** Seminars in cell & developmental biology (2004), 15(3), 289-98. Journal code: 9607332. ISSN:1084-9521. PubMed ID 15125892 AN 2004228419 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 581:

Montgomery J M; Zamorano P L; Garner C C **MAGUKs in synapse assembly and function: an emerging view.** Cellular and molecular life sciences : CMLS (2004), 61(7-8), 911-29. Journal code: 9705402. ISSN:1420-682X. PubMed ID 15095012 AN 2004194040 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 582:

Gozuacik Devrim; Kimchi Adi **Autophagy as a cell death and tumor suppressor mechanism.** Oncogene (2004), 23(16), 2891-906. Journal code: 8711562. ISSN:0950-9232. PubMed ID 15077152 AN 2004181397 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 583:

Wood J D; Kirchgessner A **Slow excitatory metabotropic signal transmission in the enteric nervous system.** Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society (2004), 16 Suppl 1 71-80. Journal code: 9432572. ISSN:1350-1925. PubMed ID 15066009 AN 2004173291 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 584:

Drennan Diana; Ryazanov Alexey G **Alpha-kinases: analysis of the family and comparison with conventional protein kinases.** Progress in biophysics and molecular biology (2004), 85(1), 1-32. Journal code: 0401233. ISSN:0079-6107. PubMed ID 15050379 AN 2004158772 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 585:

Ten Broeke R; Blalock J E; Nijkamp F P; Folkerts G **Calcium sensors as new therapeutic targets for asthma and chronic obstructive pulmonary disease.** Clinical and experimental allergy : journal of the British Society for Allergy and Clinical Immunology (2004), 34(2), 170-6. Journal code: 8906443. ISSN:0954-7894. PubMed ID 14987293 AN 2004120957 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 586:

Eley Lorraine; Turnpenny Lee; Yates Laura M; Craighead A Scott; Morgan David; Whistler Catherine; Goodship Judith A; Strachan Tom **A perspective on inversin.** Cell biology international (2004), 28(2), 119-24. Journal code: 9307129. ISSN:1065-6995. PubMed ID 14984757 AN 2004095155 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 587:

Higashi Hideyoshi; Chen Nai Hong **Ganglioside/protein kinase signals triggering cytoskeletal actin reorganization.** Glycoconjugate journal (2004), 20(1), 49-58. Journal code: 8603310. ISSN:0282-0080. PubMed ID 14973370 AN 2004083224 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 588:

Veerasingham Shereeni J; Sellers Kathleen W; Raizada Mohan K **Functional genomics as an emerging strategy for the investigation of central mechanisms in experimental hypertension.** Progress in biophysics and molecular biology (2004), 84(2-3), 107-23. Journal code: 0401233. ISSN:0079-6107. PubMed ID 14769432 AN 2004068787 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 589:

Cusi Daniele; Barlassina Cristina; Taglietti Maria Vittoria **Genetics of human arterial hypertension.** Journal of nephrology (2003), 16(4), 609-15. Journal code: 9012268. ISSN:1121-8428. PubMed ID 14696769 AN 2004001199 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 590:

Gribbon Philip; Sewing Andreas **Fluorescence readouts in HTS: no gain without pain?**. Drug discovery today (2003), 8(22), 1035-43. Journal code: 9604391. ISSN:1359-6446. PubMed ID 14690634 AN 2003608251 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 591:

Webb R Clinton **Smooth muscle contraction and relaxation.** Advances in physiology education (2003), 27(1-4), 201-6. Journal code: 100913944. ISSN:1043-4046. PubMed ID 14627618 AN 2003548410 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 592:

Kraus Peter R; Heitman Joseph **Coping with stress: calmodulin and calcineurin in model and pathogenic fungi.** Biochemical and biophysical research communications (2003), 311(4), 1151-7. Journal code: 0372516. ISSN:0006-291X. PubMed ID 14623301 AN 2003543502 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 593:

Wier W G; Morgan K G **Alpha1-adrenergic signaling mechanisms in contraction of resistance arteries.** Reviews of physiology, biochemistry and pharmacology (2003), 150 91-139. Journal code: 0434624. ISSN:0303-4240. PubMed ID 12884052 AN 2003541412 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 594:

Hopkins Paul N; Hunt Steven C **Genetics of hypertension.** Genetics in medicine : official journal of the American College of Medical Genetics (2003), 5(6), 413-29. Journal code: 9815831. ISSN:1098-3600. PubMed ID 14614392 AN 2003535791 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 595:

Marston Steven **Random walks with thin filaments: application of in vitro motility assay to the study of actomyosin regulation.** Journal of muscle research and cell motility (2003), 24(2-3), 149-56. Journal code: 8006298. ISSN:0142-4319. PubMed ID 14609026 AN 2003530853 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 596:

Cooper Dermot M F **Regulation and organization of adenylyl cyclases and cAMP.** The Biochemical journal (2003), 375(Pt 3), 517-29. Journal code: 2984726R. E-ISSN:1470-8728. PubMed ID 12940771 AN

Calmodulin for Abdullah

2003493610 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 597:

Scrase-Field Sarah A M G; Knight Marc R **Calcium: just a chemical switch?**. Current opinion in plant biology (2003), 6(5), 500-6. Journal code: 100883395. ISSN:1369-5266. PubMed ID 12972052 AN 2003469000 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 598:

Zhang W; Kuncewicz T; Yu Z-Y; Zou L; Xu X; Kone B C **Protein-protein interactions involving inducible nitric oxide synthase**. Acta physiologica Scandinavica (2003), 179(2), 137-42. Journal code: 0370362. ISSN:0001-6772. PubMed ID 14510776 AN 2003449160 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 599:

Hishida Tomoyuki; Hasegawa Tadashi; Asamura Hisao; Kusumoto Masahiko; Maeshima Arafumi; Matsuno Yoshihiro; Suzuki Kenji; Kondo Haruhiko; Tsuchiya Ryosuke **Malignant glomus tumor of the lung**. Pathology international (2003), 53(9), 632-6. Journal code: 9431380. ISSN:1320-5463. PubMed ID 14507322 AN 2003447714 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 600:

Zamponi Gerald W **Calmodulin lobotomized: novel insights into calcium regulation of voltage-gated calcium channels**. Neuron (2003), 39(6), 879-81. Journal code: 8809320. ISSN:0896-6273. PubMed ID 12971887 AN 2003432315 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 601:

Harmon Alice C **Calcium-regulated protein kinases of plants**. Gravitational and space biology bulletin : publication of the American Society for Gravitational and Space Biology (2003), 16(2), 83-90. Journal code: 9816128. ISSN:1089-988X. PubMed ID 12959135 AN 2003419316 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 602:

De la Roche Marc A; Smith Janet L; Betapudi Venkaiah; Egelhoff Thomas T; Cote Graham P **Signaling pathways regulating Dictyostelium myosin II**. Journal of muscle research and cell motility (2002), 23(7-8), 703-18. Journal code: 8006298. ISSN:0142-4319. PubMed ID 12952069 AN 2003412640 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 603:

Katsuya Tomohiro; Ishikawa Kazuhiko; Sugimoto Ken; Rakugi Hiromi; Ogihara Toshio **Salt sensitivity of Japanese from the viewpoint of gene polymorphism.** Hypertension research : official journal of the Japanese Society of Hypertension (2003), 26(7), 521-5. Journal code: 9307690. ISSN:0916-9636. PubMed ID 12924618 AN 2003387390 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 604:

Bito Haruhiko; Takemoto-Kimura Sayaka **Ca(2+)/CREB/CBP-dependent gene regulation: a shared mechanism critical in long-term synaptic plasticity and neuronal survival.** Cell calcium (2003), 34(4-5), 425-30. Journal code: 8006226. ISSN:0143-4160. PubMed ID 12909086 AN 2003374854 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 605:

Garcia E A; Newhouse S; Caulfield M J; Munroe P B **Genes and hypertension.** Current pharmaceutical design (2003), 9(21), 1679-89. Journal code: 9602487. ISSN:1381-6128. PubMed ID 12871201 AN 2003338988 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 606:

Maass A; Konhilas J P; Stauffer B L; Leinwand L A **From sarcomeric mutations to heart disease: understanding familial hypertrophic cardiomyopathy.** Cold Spring Harbor symposia on quantitative biology (2002), 67 409-15. Journal code: 1256107. ISSN:0091-7451. PubMed ID 12858566 AN 2003329392 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 607:

Wray Susan; Jones K; Kupittayanant S; Li Y; Matthew A; Monir-Bishty E; Noble K; Pierce S J; Quenby S; Shmygol A V **Calcium signaling and uterine contractility.** Journal of the Society for Gynecologic Investigation (2003), 10(5), 252-64. Journal code: 9433806. ISSN:1071-5576. PubMed ID 12853086 AN 2003323996 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 608:

Kone Bruce C; Kuncewicz Teresa; Zhang Wenzheng; Yu Zhi-Yuan **Protein interactions with nitric oxide synthases: controlling the right time, the right place, and the right amount of nitric oxide.** American journal of physiology. Renal physiology (2003), 285(2), F178-90. Journal code: 100901990. ISSN:0363-6127. PubMed ID 12842859 AN 2003313543 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 609:

Walker Simon A; Cullen Peter J; Taylor James A; Lockyer Peter J **Control of Ras cycling by Ca²⁺.** FEBS letters (2003), 546(1), 6-10. Journal code: 0155157. ISSN:0014-5793. PubMed ID 12829229 AN 2003301544 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 610:

Metz-Boutigue M H; Goumon Y; Strub J M; Lugardon K; Aunis D **Antimicrobial chromogranins and proenkephalin-A-derived peptides: Antibacterial and antifungal activities of chromogranins and proenkephalin-A-derived peptides.** Annals of the New York Academy of Sciences (2003), 992 168-78. Journal code: 7506858. ISSN:0077-8923. PubMed ID 12794056 AN 2003267696 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 611:

Mikoshiba Katsuhiko **Inositol 1,4,5 trisphosphate (IP₃) receptor.** Nippon yakurigaku zasshi. Folia pharmacologica Japonica (2003), 121(4), 241-53. Journal code: 0420550. ISSN:0015-5691. PubMed ID 12777843 AN 2003254429 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 612:

Friocourt Gaelle; Koulakoff Annette; Chafey Philippe; Boucher Dominique; Fauchereau Fabien; Chelly Jamel; Francis Fiona **Doublecortin functions at the extremities of growing neuronal processes.** Cerebral cortex (New York, N.Y. : 1991) (2003), 13(6), 620-6. Journal code: 9110718. ISSN:1047-3211. PubMed ID 12764037 AN 2003250647 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 613:

Bianchi Giuseppe; Tripodi Grazia **Genetics of hypertension: the adducin paradigm.** Annals of the New York Academy of Sciences (2003), 986 660-8. Journal code: 7506858. ISSN:0077-8923. PubMed ID 12763916 AN 2003245893 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 614:

Minke Baruch; Agam Keren **TRP gating is linked to the metabolic state and maintenance of the Drosophila photoreceptor cells.** Cell calcium (2003), 33(5-6), 395-408. Journal code: 8006226. ISSN:0143-4160. PubMed ID 12765685 AN 2003243439 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 615:

Albert A P; Large W A **Store-operated Ca²⁺-permeable non-selective cation channels in smooth muscle cells.** Cell calcium (2003), 33(5-6), 345-56. Journal code: 8006226. ISSN:0143-4160. PubMed ID 12765681

Calmodulin for Abdullah

AN 2003243435 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 616:

Maher Anthony D; Kuchel Philip W **The Gardos channel: a review of the Ca²⁺-activated K⁺ channel in human erythrocytes.** The international journal of biochemistry & cell biology (2003), 35(8), 1182-97. Journal code: 9508482. ISSN:1357-2725. PubMed ID 12757756 AN 2003235925 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 617:

Ovechkina Yulia; Wordeman Linda **Unconventional motoring: an overview of the Kin C and Kin I kinesins.** Traffic (Copenhagen, Denmark) (2003), 4(6), 367-75. Journal code: 100939340. ISSN:1398-9219. PubMed ID 12753646 AN 2003232075 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 618:

Maekawa Shohei; Iino Satoshi; Miyata Seiji **Molecular characterization of the detergent-insoluble cholesterol-rich membrane microdomain (raft) of the central nervous system.** Biochimica et biophysica acta (2003), 1610(2), 261-70. Journal code: 0217513. ISSN:0006-3002. PubMed ID 12648779 AN 2003134132 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 619:

Tanoue Takuji; Nishida Eisuke **Molecular recognitions in the MAP kinase cascades.** Cellular signalling (2003), 15(5), 455-62. Journal code: 8904683. ISSN:0898-6568. PubMed ID 12639708 AN 2003125417 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 620:

Shivapurkar Narayan; Reddy Jyotsna; Chaudhary Preet M; Gazdar Adi F **Apoptosis and lung cancer: a review.** Journal of cellular biochemistry (2003), 88(5), 885-98. Journal code: 8205768. ISSN:0730-2312. PubMed ID 12616528 AN 2003102932 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 621:

Ericsson Charles D **Travellers' diarrhoea.** International journal of antimicrobial agents (2003), 21(2), 116-24. Journal code: 9111860. ISSN:0924-8579. PubMed ID 12615374 AN 2003102784 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 622:

Oberwinkler Johannes **Calcium homeostasis in fly photoreceptor cells.** Advances in experimental medicine and biology (2002), 514 539-83. Journal code: 0121103. ISSN:0065-2598. PubMed ID 12596943 AN 2003085244 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 623:

Willis William D **Long-term potentiation in spinothalamic neurons.** Brain research. Brain research reviews (2002), 40(1-3), 202-14. Journal code: 8908638. ISSN:0165-0173. PubMed ID 12589918 AN 2003077297 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 624:

Yamauchi Takashi **Molecular constituents and phosphorylation-dependent regulation of the post-synaptic density.** Mass spectrometry reviews (2002), 21(4), 266-86. Journal code: 8219702. ISSN:0277-7037. PubMed ID 12533800 AN 2003027138 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 625:

Sward Karl; Mita Mitsuo; Wilson David P; Deng Jing Ti; Susnjar Marija; Walsh Michael P **The role of RhoA and Rho-associated kinase in vascular smooth muscle contraction.** Current hypertension reports (2003), 5(1), 66-72. Journal code: 100888982. ISSN:1522-6417. PubMed ID 12530938 AN 2003024724 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 626:

Sarnat Harvey B; Flores-Sarnat Laura **Role of Cajal-Retzius and subplate neurons in cerebral cortical development.** Seminars in pediatric neurology (2002), 9(4), 302-8. Journal code: 9441351. ISSN:1071-9091. PubMed ID 12523554 AN 2003016770 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 627:

Nilius Bernd **Calcium-impermeable monovalent cation channels: a TRP connection?.** British journal of pharmacology (2003), 138(1), 5-7. Journal code: 7502536. ISSN:0007-1188. PubMed ID 12522066 AN 2003015518 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 628:

Silva Alcino J **Molecular and cellular cognitive studies of the role of synaptic plasticity in memory.** Journal of neurobiology (2003), 54(1), 224-37. Journal code: 0213640. ISSN:0022-3034. PubMed ID 12486706 AN 2002723450 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 629:

Chu Guoxiang; Kranias Evangelia G **Functional interplay between dual site phospholamban phosphorylation: insights from genetically altered mouse models.** Basic research in cardiology (2002), 97 Suppl 1 I43-8. Journal code: 0360342. ISSN:0300-8428. PubMed ID 12479233 AN 2002716900 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 630:

Manunta Paolo; Bianchi Giuseppe **Are the new single nucleotide polymorphisms (SNPs) relevant for hypertensive populations?** Journal of hypertension (2002), 20(12), 2335-6. Journal code: 8306882. ISSN:0263-6352. PubMed ID 12473850 AN 2002711452 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 631:

Slepkov Emily; Fliegel Larry **Structure and function of the NHE1 isoform of the Na⁺/H⁺ exchanger.** Biochemistry and cell biology = Biochimie et biologie cellulaire (2002), 80(5), 499-508. Journal code: 8606068. ISSN:0829-8211. PubMed ID 12440691 AN 2002679814 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 632:

Meissner Gerhard **Regulation of mammalian ryanodine receptors.** Frontiers in bioscience : a journal and virtual library (2002), 7 d2072-80. Journal code: 9709506. E-ISSN:1093-4715. PubMed ID 12438018 AN 2002678235 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 633:

Bodart J F; Chopra A; Liang X; Duesbery N **Anthrax, MEK and cancer.** Cell cycle (Georgetown, Tex.) (2002), 1(1), 10-5. Journal code: 101137841. ISSN:1538-4101. PubMed ID 12429903 AN 2002668890 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 634:

Lansdown Alan B G **Calcium: a potential central regulator in wound healing in the skin.** Wound repair and regeneration : official publication of the Wound Healing Society [and] the European Tissue Repair Society (2002), 10(5), 271-85. Journal code: 9310939. ISSN:1067-1927. PubMed ID 12406163 AN 2002648158 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 635:

Chambliss Ken L; Shaul Philip W **Estrogen modulation of endothelial nitric oxide synthase.** Endocrine reviews (2002), 23(5), 665-86. Journal code: 8006258. ISSN:0163-769X. PubMed ID 12372846 AN

Calmodulin for Abdullah

2002615574 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 636:

MacLennan David H; Abu-Abed Mona; Kang ChulHee **Structure-function relationships in Ca(2+) cycling proteins.** Journal of molecular and cellular cardiology (2002), 34(8), 897-918. Journal code: 0262322. ISSN:0022-2828. PubMed ID 12234762 AN 2002471888 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 637:

Bulsara Ketan R; Iskandar Bermans J; Villavicencio Alan T; Skene J H Pate **A new millenium for spinal cord regeneration: growth-associated genes.** Spine (2002), 27(17), 1946-9. Journal code: 7610646. E-ISSN:1528-1159. PubMed ID 12221366 AN 2002462586 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 638:

Vermeulen Linda; De Wilde Gert; Notebaert Sofie; Vanden Berghe Wim; Haegeman Guy **Regulation of the transcriptional activity of the nuclear factor-kappaB p65 subunit.** Biochemical pharmacology (2002), 64(5-6), 963-70. Journal code: 0101032. ISSN:0006-2952. PubMed ID 12213593 AN 2002454971 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 639:

Seta K A; Spicer Z; Yuan Y; Lu G; Millhorn D E **Responding to hypoxia: lessons from a model cell line.** Science's STKE [electronic resource] : signal transduction knowledge environment (2002), 2002(146), RE11. Journal code: 100964423. E-ISSN:1525-8882. PubMed ID 12189251 AN 2002432320 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 640:

Alaburda Aidas; Perrier Jean-Francois; Hounsgaard Jorn **Mechanisms causing plateau potentials in spinal motoneurones.** Advances in experimental medicine and biology (2002), 508 219-26. Journal code: 0121103. ISSN:0065-2598. PubMed ID 12171115 AN 2002417288 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 641:

Mizoue Laura S; Chazin Walter J **Engineering and design of ligand-induced conformational change in proteins.** Current opinion in structural biology (2002), 12(4), 459-63. Journal code: 9107784. ISSN:0959-440X. PubMed ID 12163068 AN 2002409074 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 642:

Gupta Sudhir **A decision between life and death during TNF-alpha-induced signaling.** Journal of clinical immunology (2002), 22(4), 185-94. Journal code: 8102137. ISSN:0271-9142. PubMed ID 12148593 AN 2002399750 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 643:

Caruana Georgina **Genetic studies define MAGUK proteins as regulators of epithelial cell polarity.** The International journal of developmental biology (2002), 46(4), 511-8. Journal code: 8917470. ISSN:0214-6282. PubMed ID 12141438 AN 2002392845 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 644:

Van Eldik Linda J **Structure and enzymology of a death-associated protein kinase.** Trends in pharmacological sciences (2002), 23(7), 302-4. Journal code: 7906158. ISSN:0165-6147. PubMed ID 12119143 AN 2002373064 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 645:

Martinez Ana; Castro Ana; Dorronsoro Isabel; Alonso Mercedes **Glycogen synthase kinase 3 (GSK-3) inhibitors as new promising drugs for diabetes, neurodegeneration, cancer, and inflammation.** Medicinal research reviews (2002), 22(4), 373-84. Journal code: 8103150. ISSN:0198-6325. PubMed ID 12111750 AN 2002361857 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 646:

Baluch D Page; Capco David G **Cellular scaffolds in mammalian eggs.** Frontiers in bioscience : a journal and virtual library (2002), 7 d1653-61. Journal code: 9709506. E-ISSN:1093-4715. PubMed ID 12086913 AN 2002344284 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 647:

Hepler Peter K; Valster Aline; Molchan Tasha; Vos Jan W **Roles for kinesin and myosin during cytokinesis.** Philosophical transactions of the Royal Society of London. Series B, Biological sciences (2002), 357(1422), 761-6. Journal code: 7503623. ISSN:0962-8436. PubMed ID 12079671 AN 2002337846 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 648:

Sayas C L; Avila J; Wandosell F **Regulation of neuronal cytoskeleton by lysophosphatidic acid: role of GSK-3.** Biochimica et biophysica acta (2002), 1582(1-3), 144-53. Journal code: 0217513. ISSN:0006-3002. PubMed ID 12069822 AN 2002327043 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on

Calmodulin for Abdullah

SciFinder (R))

Answer 649:

Kaytor Michael D; Orr Harry T **The GSK3 beta signaling cascade and neurodegenerative disease.**

Current opinion in neurobiology (2002), 12(3), 275-8. Journal code: 9111376. ISSN:0959-4388. PubMed ID 12049933 AN 2002308008 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 650:

Hardt Stefan E; Sadoshima Junichi **Glycogen synthase kinase-3beta: a novel regulator of cardiac hypertrophy and development.** Circulation research (2002), 90(10), 1055-63. Journal code: 0047103. E-ISSN:1524-4571. PubMed ID 12039794 AN 2002298810 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 651:

Gazzaley A; Kay S; Benson D L **Dendritic spine plasticity in hippocampus.** Neuroscience (2002), 111(4), 853-62. Journal code: 7605074. ISSN:0306-4522. PubMed ID 12031408 AN 2002292328 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 652:

Fox K **Anatomical pathways and molecular mechanisms for plasticity in the barrel cortex.**

Neuroscience (2002), 111(4), 799-814. Journal code: 7605074. ISSN:0306-4522. PubMed ID 12031405 AN 2002292325 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 653:

Lenox Robert H; Gould Todd D; Manji Husseini K **Endophenotypes in bipolar disorder.** American journal of medical genetics (2002), 114(4), 391-406. Journal code: 7708900. ISSN:0148-7299. PubMed ID 11992561 AN 2002283277 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 654:

Jope R S; Bijur G N **Mood stabilizers, glycogen synthase kinase-3beta and cell survival.** Molecular psychiatry (2002), 7 Suppl 1 S35-45. Journal code: 9607835. ISSN:1359-4184. PubMed ID 11986994 AN 2002246238 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 655:

Harwood Adrian J **Signal transduction in development: holding the key.** Developmental cell (2002), 2(4), 384-5. Journal code: 101120028. ISSN:1534-5807. PubMed ID 11970888 AN 2002231768 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Calmodulin for Abdullah

Answer 656:

Ryazanov Alexey G **Elongation factor-2 kinase and its newly discovered relatives.** FEBS letters (2002), 514(1), 26-9. Journal code: 0155157. ISSN:0014-5793. PubMed ID 11904175 AN 2002171987 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 657:

Anderson Mark E **Calmodulin and the philosopher's stone: Changing Ca²⁺ into arrhythmias.** Journal of cardiovascular electrophysiology (2002), 13(2), 195-7. Journal code: 9010756. ISSN:1045-3873. PubMed ID 11900299 AN 2002167393 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 658:

Manoukian Armen S; Woodgett James R **Role of glycogen synthase kinase-3 in cancer: regulation by Wnts and other signaling pathways.** Advances in cancer research (2002), 84 203-29. Journal code: 0370416. ISSN:0065-230X. PubMed ID 11883528 AN 2002151659 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 659:

Eldar-Finkelman Hagit **Glycogen synthase kinase 3: an emerging therapeutic target.** Trends in molecular medicine (2002), 8(3), 126-32. Journal code: 100966035. ISSN:1471-4914. PubMed ID 11879773 AN 2002149772 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 660:

Ciaraldi T P; Nikoulina S E; Henry R R **Role of glycogen synthase kinase-3 in skeletal muscle insulin resistance in Type 2 diabetes.** Journal of diabetes and its complications (2002), 16(1), 69-71. Journal code: 9204583. ISSN:1056-8727. PubMed ID 11872371 AN 2002137721 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 661:

Wong Newton Alexander Chiang Shuek; Pignatelli Massimo **Beta-catenin--a linchpin in colorectal carcinogenesis?** The American journal of pathology (2002), 160(2), 389-401. Journal code: 0370502. ISSN:0002-9440. PubMed ID 11839557 AN 2002124710 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 662:

Li Su W; Westwick John; Poll Chris T **Receptor-operated Ca²⁺ influx channels in leukocytes: a therapeutic target?** Trends in pharmacological sciences (2002), 23(2), 63-70. Journal code: 7906158. ISSN:0165-6147. PubMed ID 11830262 AN 2002099975 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on

Calmodulin for Abdullah

SciFinder (R))

Answer 663:

Putney L K; Denker S P; Barber D L **The changing face of the Na⁺/H⁺ exchanger, NHE1: structure, regulation, and cellular actions.** Annual review of pharmacology and toxicology (2002), 42 527-52.
Journal code: 7607088. ISSN:0362-1642. PubMed ID 11807182 AN 2002080475 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 664:

Kozlovsky Nitsan; Belmaker R H; Agam Galila **GSK-3 and the neurodevelopmental hypothesis of schizophrenia.** European neuropsychopharmacology : the journal of the European College of Neuropsychopharmacology (2002), 12(1), 13-25. Journal code: 9111390. ISSN:0924-977X. PubMed ID 11788236 AN 2002062719 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))

Answer 665:

Trimmer James S **Unexpected cross talk: small GTPase regulation of calcium channel trafficking.** Science's STKE [electronic resource] : signal transduction knowledge environment (2002), 2002(114), PE2.
Journal code: 100964423. E-ISSN:1525-8882. PubMed ID 11784890 AN 2002059018 MEDLINE (Copyright (C) 2006 U.S. National Library of Medicine on SciFinder (R))