

Dynamin I

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Recent Publications on Dynamin I:

- [The molecular physiology of activity-dependent bulk endocytosis of synaptic vesicles.](#)
*Central nerve terminals release neurotransmitter in response to a wide...*7th November, 2009
Membrane Biology Group, Centre for Integrative Physiology, University of- J Neurochem. 2009
Nov;111(4):901-14. Epub 2009 Sep 16. ([DOI Direct Link](#))
- [Azido and diazirinyl analogues of bis-tyrphostin as asymmetrical inhibitors of dynamin GTPase.](#)
*Probing the dynamin binding site: Bis-tyrphostin (1, Bis-T), is a potent...*9th October, 2009
Chemistry, School of Environmental & Life Sciences, The University of- ChemMedChem. 2009
Jul;4(7):1182-8. ([DOI Direct Link](#))
- [A class of dynamin-like GTPases involved in the generation of the tubular ER network.](#)
*The endoplasmic reticulum (ER) consists of tubules that are shaped by the...*1st September, 2009
Howard Hughes Medical Institute, Department of Cell Biology, Harvard- Cell. 2009 Aug
7;138(3):549-61. ([DOI Direct Link](#))
- [Actin and dynamin recruitment and the lack thereof at exo- and endocytotic sites in PC12 cells.](#)
*Protein recruitment during endocytosis is well characterized in...*19th August, 2009
Vollum Institute, Oregon Health & Science University, Portland, OR 97239,- Pflugers Arch. 2009
Jun;458(2):403-17. Epub 2008 Dec 10. ([DOI Direct Link](#))
- [The phospho-dependent dynamin-syndapin interaction triggers activity-dependent bulk endocytosis of synaptic vesicles.](#)
*Synaptic vesicles (SVs) are retrieved by more than one mode in central...*18th July, 2009
Membrane Biology Group, Centre for Integrative Physiology, George Square,- J Neurosci. 2009 Jun
17;29(24):7706-17. ([DOI Direct Link](#))
- [Structure, modifications and ligand-binding properties of rat profilin 2a.](#)
*Profilins are key regulators of the actin microfilament system and in...*18th July, 2009
Department of Biochemistry, University of Oulu, Oulu, Finland.- Acta Crystallogr D Biol Crystallogr.
2009 Apr;65(Pt 4):303-11. Epub 2009 ([DOI Direct Link](#))
- [Inhibition of dynamin mediated endocytosis by the dynoles--synthesis and functional activity of a family of indoles.](#)
*Screening identified two bisindolylmaleimides as 100 microM inhibitors of...*15th July, 2009
Chemistry, School of Environmental and Life Sciences, The University of- J Med Chem. 2009 Jun
25;52(12):3762-73. ([DOI Direct Link](#))
- [Detection of genetic association and a functional polymorphism of dynamin 1 gene with nicotine dependence in European and African Americans.](#)
*Although it has been documented that dynamin 1 gene (DNM1) is...*8th May, 2009

Department of Psychiatry and Neurobehavioral Sciences, University of- Neuropsychopharmacology. 2009 Apr;34(5):1351-9. Epub 2008 Nov 5. ([DOI Direct Link](#))

- [Excitotoxicity-induced endocytosis confers drug targeting in cerebral ischemia.](#)
*OBJECTIVE: Targeting neuroprotectants specifically to the cells that need...*25th April, 2009
Departement de Biologie Cellulaire et de Morphologie, University of- Ann Neurol. 2009 Mar;65(3):337-47. ([DOI Direct Link](#))
- [Regulation of ROCKII by localization to membrane compartments and binding to DynaminI.](#)
*ROCKII kinase activity is known to be regulated by Rho GTPase binding;...*17th April, 2009
Department of Pharmacology and Experimental Therapeutics, LSU Health- Biochem Biophys Res Commun. 2009 Apr 10;381(3):393-6. Epub 2009 Feb 15. ([DOI Direct Link](#))
- [Bidirectional effects of fentanyl on dendritic spines and AMPA receptors depend upon the internalization of mu opioid receptors.](#)
*Fentanyl is a frequently used and abused opioid analgesic and can cause...*20th March, 2009
Department of Neuroscience, The University of Minnesota, 321 Church St- Neuropsychopharmacology. 2009 Aug;34(9):2097-111. Epub 2009 Mar 18. ([DOI Direct Link](#))
- [Isoform and splice-variant specific functions of dynamin-2 revealed by analysis of conditional knock-out cells.](#)
*Dynamin (Dyn) is a multifunctional GTPase implicated in several cellular...*11th March, 2009
Department of Cell Biology, The Scripps Research Institute, La Jolla, CA- Mol Biol Cell. 2008 Dec;19(12):5347-59. Epub 2008 Oct 15. ([DOI Direct Link](#))
- [Steroids from an Australian sponge Psammoclema sp.](#)
*Investigation of an extract of the Australian marine sponge Psammoclema...*20th February, 2009
Chemistry, School of Environmental and Life Sciences, The University of- J Nat Prod. 2009 Jan;72(1):102-6. ([DOI Direct Link](#))
- [Memantine blocks mitochondrial OPA1 and cytochrome c release and subsequent apoptotic cell death in glaucomatous retina.](#)
*PURPOSE: To determine whether intraocular pressure (IOP) elevation alters...*7th February, 2009
Hamilton Glaucoma Center, University of California San Diego, La Jolla,- Invest Ophthalmol Vis Sci. 2009 Feb;50(2):707-16. Epub 2008 Oct 20. ([DOI Direct Link](#))
- [Selective saturation of slow endocytosis at a giant glutamatergic central synapse lacking dynamin 1.](#)
*Exocytosis of synaptic vesicles is rapidly followed by compensatory plasma...*24th December, 2008
Department of Cell Biology, Howard Hughes Medical Institute, Yale- Proc Natl Acad Sci U S A. 2008 Nov 11;105(45):17555-60. Epub 2008 Nov 5. ([DOI Direct Link](#))

BioNews Results for Dynamin I

- [Endocytosis of FcR is clathrin and dynamin dependent, but its cytoplasmic domain is not required](#)
Cell Research: Oct 27 2009 1:14PM Matching: dynamin

Dynamin I Patents:



- 7517957- [Human SLAP-2: a novel SH2/ SH3 domain-containing human SLAP homologue having](#)

[immune cell-specific expression](#)

- 7442770- [Human clnk-related polypeptide, MIST \(Mast Cell Immunoreceptor Signal Transducer\)](#)
- 7241590- [Identification and cloning of a full-length human Clnk-related gene, MIST \(mast cell immunoreceptor signal transducer\)](#)
- 7118886- [Ese genes and proteins](#)
- 7101686- [Polynucleotides encoding human SLAP-2:a novel SH2/SH3 domain-containing human SLAP homologue having immune cell-specific expression](#)
- 6444870- [Methods for assessing the role of calcineurin immunosuppression and neurotoxicity](#)

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