

Neurosecretion

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Recent Publications on Neurosecretion:



- [Storage and secretion of beta-NAD, ATP and dopamine in NGF-differentiated rat pheochromocytoma PC12 cells.](#)
*In nerve-smooth muscle preparations beta-nicotinamide adenine dinucleotide...*18th November, 2009
Department of Pharmacology, University of Nevada School of Medicine, Reno,- Eur J Neurosci. 2009 Sep;30(5):756-68. Epub 2009 Aug 27. ([DOI Direct Link](#))
- [Luteinizing hormone provides a causal mechanism for mercury associated disease.](#)
*Previous studies have demonstrated that the pituitary is a main target for...*17th November, 2009
Mental Retardation Research Center, David Geffen School of Medicine at- Med Hypotheses. 2009 Nov 12. ([DOI Direct Link](#))
- [Gonadotropin-Releasing Hormone Neuroterminals and Their Microenvironment in the Median Eminence: Effects of Aging and Estradiol Treatment.](#)
*The GnRH decapeptide controls reproductive function through its release...*13th October, 2009
Division of Pharmacology and Toxicology (W.Y., D.W., M.L.N., A.C.G.),- Endocrinology. 2009 Oct 9. ([DOI Direct Link](#))
- [TRPC Channels and their Implication in Neurological Diseases.](#)
*Calcium is an essential intracellular messenger and serves critical...*9th October, 2009
Department of Biochemistry and Molecular Biology, School of Medicine and- CNS Neurol Disord Drug Targets. 2009 Oct 7.
- [Suppression of Ca²⁺ syntillas increases spontaneous exocytosis in mouse adrenal chromaffin cells.](#)
*A central concept in the physiology of neurosecretion is that a rise in...*30th September, 2009
Department of Physiology, University of Massachusetts Medical School,- J Gen Physiol. 2009 Oct;134(4):267-80. ([DOI Direct Link](#))
- [Male-biased effects of gonadotropin-releasing hormone neuron-specific deletion of the phosphoinositide 3-kinase regulatory subunit p85alpha on the reproductive axis.](#)
*GnRH neurosecretion is subject to regulation by insulin, IGF-I, leptin...*17th September, 2009
Department of Neurobiology and Physiology, Northwestern University,- Endocrinology. 2009 Sep;150(9):4203-12. Epub 2009 Jun 18. ([DOI Direct Link](#))
- [Catecholaminergic input to the oxytocin neurosecretory system in the human hypothalamus.](#)
*Previous studies revealed that oxytocin release is increased by various...*15th September, 2009
Neuroendocrine Organization Laboratory (NEO), Lake Erie College of- J Chem Neuroanat. 2009 Jul;37(4):229-33. Epub 2009 Feb 7. ([DOI Direct Link](#))
- [17Beta-estradiol regulation of T-type calcium channels in gonadotropin-releasing hormone neurons.](#)
*T-type calcium channels are responsible for generating low-threshold...*11th September, 2009

Department of Physiology and Pharmacology, Oregon Health & Science- J Neurosci. 2009 Aug 26;29(34):10552-62. ([DOI Direct Link](#))

- [Regulation of exocytotic protein expression and Ca²⁺-dependent peptide secretion in astrocytes.](#)
*Vesicular transmitter release from astrocytes influences neuronal...*22nd August, 2009
Department of Cell Biology, University of Barcelona, Barcelona, Spain.- J Neurochem. 2009 Jul;110(1):143-56. Epub 2009 May 15. ([DOI Direct Link](#))
- [Is reflex sympathetic dystrophy/complex regional pain syndrome type I a small-fiber neuropathy?](#)
*Neurologist S. Weir Mitchell first described "causalgia" following wartime...*13th August, 2009
Department of Neurology, Massachusetts General Hospital, Harvard Medical- Ann Neurol. 2009 Jun;65(6):629-38. ([DOI Direct Link](#))
- [Putative regulatory mechanism of prothoracicotropic hormone \(PTTH\) secretion in the American cockroach, *Periplaneta americana* as inferred from co-localization of Rab8, PTTH, and protein kinase C in neurosecretory cells.](#)
*Small GTPases of the Rab family act as essential regulators of vesicle...*29th July, 2009
Graduate School of Agricultural Science, Kobe University, 1-1- Cell Tissue Res. 2009 Mar;335(3):607-15. Epub 2009 Jan 21. ([DOI Direct Link](#))
- [The rest repression of the neurosecretory phenotype is negatively modulated by BHC80, a protein of the BRAF/HDAC complex.](#)
*Expression of neurosecretion by nerve cells requires the levels of the...*29th May, 2009
Department of Molecular Biology and Functional Genomics, Vita-Salute San- J Neurosci. 2009 May 13;29(19):6296-307. ([DOI Direct Link](#))
- [Loss of the transcriptional repressor PAG-3/Gfi-1 results in enhanced neurosecretion that is dependent on the dense-core vesicle membrane protein IDA-1/IA-2.](#)
*It is generally accepted that neuroendocrine cells regulate dense core...*27th May, 2009
Experimental Medicine Section, Oral Infection and Immunity Branch,- PLoS Genet. 2009 Apr;5(4):e1000447. Epub 2009 Apr 3. ([DOI Direct Link](#))
- [Brain-derived neurotrophic factor inhibits spontaneous inhibitory postsynaptic currents in the rat supraoptic nucleus.](#)
*Body fluid balance requires the release of arginine vasopressin (AVP) from...*22nd April, 2009
Department of Physiology, School of Medicine, University of Occupational- Brain Res. 2009 Mar 3;1258:34-42. Epub 2008 Dec 31. ([DOI Direct Link](#))
- [Expression of dense-core vesicles and of their exocytosis are governed by the repressive transcription factor NRSF/REST.](#)
*The mechanism by which neurons and neurosecretory cells govern the...*13th February, 2009
Vita-Salute San Raffaele University, Milan, Italy.- Ann N Y Acad Sci. 2009 Jan;1152:194-200. ([DOI Direct Link](#))

Neurosecretion Patents:



- 6630345- [Nucleic acids encoding a calcium independent receptor of .alpha.-latrotoxin, characterization and uses thereof](#)
- 6949582- [Method of relieving analgesia and reducing inflammation using a cannabinoid delivery topical liniment](#)
- 6977300- [A2B adenosine receptor antagonists](#)

- 6998387- [Human appetite control by glucagon-like peptide receptor binding compounds](#)
- 7015192- [Neuronal exocytosis inhibiting peptides and cosmetic and pharmaceutical compositions containing said peptides](#)
- 7022681- [Partial and full agonists of A1 adenosine receptors](#)
- 7022710- [A1 adenosine receptor antagonists](#)
- 7052702- [Conjugates of galactose-binding lectins and clostridial neurotoxins as analgesics](#)
- 7081349- [High-affinity melatonin receptor and uses thereof](#)
- 7087716- [Regulator of G protein signalling](#)
- 7105665- [A.sub.2B adenosine receptor antagonists](#)
- 6946449- [Partial and full agonists of A1 adenosine receptors](#)
- 6916804- [Pyrimidine A2b selective antagonist compounds, their synthesis and use](#)
- 6914053- [Adenosine A3 receptor agonists](#)
- 6737425- [N,N-substituted cyclic amine derivatives](#)
- 6765085- [Receptor kinase, BIN1](#)
- 6770651- [A2B adenosine receptor antagonists](#)
- 6770743- [Use of the KAL protein and treatment with the KAL protein in treatment of retinal, renal, neuronal and neural injury](#)
- 6806270- [Selective antagonists of A2B adenosine receptors](#)
- 6812017- [Mammalian secreted group IIF phospholipase A2](#)
- 6815446- [Selective antagonists of A2B adenosine receptors](#)
- 6825349- [A2B adenosine receptor antagonists](#)
- 6875599- [Mammalian secreted group III phospholipase A2](#)
- 6906072- [Piperazine compound and pharmaceutical composition containing the compound](#)
- 7125993- [A.sub.2B adenosine receptor antagonists](#)
- 7144871- [Partial and full agonists of A.sub.1 adenosine receptors](#)
- 7335655- [8-heteroaryl xanthine adenosine A.sub.2B receptor antagonists](#)
- 7381714- [A1 adenosine receptor agonists](#)
- 7427489- [Screening assay to identify modulators of the sleep/wake cycle](#)
- 7449473- [Substituted pyrrolo\[3,2-d\]pyrimidin-2,4-diones as A.sub.2b adenosine receptor antagonists](#)
- 7452543- [Conjugates of galactose-binding lectins and clostridial neurotoxins as analgesics](#)
- 7473679- [Treatments employing neuronal exocytosis-inhibiting peptides](#)
- 7488720- [A.sub.1 adenosine receptor agonists](#)
- 7501407- [Pyrimidine A.sub.2B selective antagonist compounds, their synthesis and use](#)
- 7514417- [A.sub.1 adenosine receptor agonists](#)
- 7517888- [A.sub.1 adenosine receptor antagonists](#)
- 7335156- [Digital electromagnetic pulse generator](#)
- 7317017- [A.sub.2B adenosine receptor antagonists](#)
- 7304070- [A.sub.2B adenosine receptor antagonists](#)
- 7157440- [Partial and full agonists of A1 adenosine receptors](#)
- 7163928- [Partial and full agonists of A.sub.1 adenosine receptors](#)
- 7189730- [A.sub.2A adenosine receptor antagonists](#)
- 7205403- [8-Heteroaryl xanthine adenosine A.sub.2B receptor antagonists](#)
- 7230155- [Method for identifying an agonist of neuronal calcium sensor-1 \(NCS-1\), for therapy of CNS disorders](#)
- 7238700- [A.sub.2B adenosine receptor antagonists](#)
- 7244767- [N-acylvanillinamide derivatives capable of activating peripheral cannabinoid receptors](#)
- 7262176- [Adenosine A.sub.3 receptor agonists](#)
- 7271157- [A.sub.1 adenosine receptor agonists](#)
- 7300923- [Partial and full agonists of A1 adenosine receptors](#)
- 7521554- [A.sub.2B adenosine receptor antagonists](#)

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