

2009

1. Pandey AK, Li W, Yin X, Stocco DM, Grammas P, Wang X. Blocking L-type calcium channels reduced the threshold of cAMP-induced steroidogenic acute regulatory gene expression in MA-10 mouse Leydig cells. *J Endocrinol.* 2010 Jan;204(1):67-74. Epub 2009 Oct 12. PubMed PMID: 19822634; PubMed Central PMCID: PMC2791179.
2. Sanchez A, Tripathy D, Grammas P. RANTES release contributes to the protective action of PACAP38 against sodium nitroprusside in cortical neurons. *Neuropeptides.* 2009 Aug;43(4):315-20. Epub 2009 Jun 3. PubMed PMID: 19497618; PubMed Central PMCID: PMC2726654.
3. Thirumangalakudi L, Rao HV, Grammas P. Involvement of PGE2 and PGDH but not COX-2 in thrombin-induced cortical neuron apoptosis. *Neurosci Lett.* 2009 Mar 13;452(2):172-5. Epub 2009 Jan 21. PubMed PMID: 19383433; PubMed Central PMCID: PMC2727552.
4. Pandey AK, Yin X, Schiffer RB, Hutson JC, Stocco DM, Grammas P, Wang X. Involvement of the thromboxane A2 receptor in the regulation of steroidogenic acute regulatory gene expression in murine Leydig cells. *Endocrinology.* 2009 Jul;150(7):3267-73. Epub 2009 Mar 26. PubMed PMID: 19325001; PubMed Central PMCID: PMC2703522.
5. Tripathy D, Grammas P. Acetaminophen inhibits neuronal inflammation and protects neurons from oxidative stress. *J Neuroinflammation.* 2009 Mar 16;6:10. PubMed PMID: 19291322; PubMed Central PMCID: PMC2662814.
6. Tripathy D, Grammas P. Acetaminophen protects brain endothelial cells against oxidative stress. *Microvasc Res.* 2009 May;77(3):289-96. Epub 2009 Mar 2. PubMed PMID: 19265712; PubMed Central PMCID: PMC2818055.
7. Rao HV, Thirumangalakudi L, Grammas P. Cyclin C and cyclin dependent kinases 1, 2 and 3 in thrombin-induced neuronal cell cycle progression and apoptosis. *Neurosci Lett.* 2009 Feb 6;450(3):347-50. Epub 2008 Dec 16. PubMed PMID: 19103257; PubMed Central PMCID: PMC2734191.
8. Sanchez A, Rao HV, Grammas P. PACAP38 protects rat cortical neurons against the neurotoxicity evoked by sodium nitroprusside and thrombin. *Regul Pept.* 2009 Jan 8;152(1-3):33-40. Epub 2008 Jul 16.
PubMed PMID: 18682263; PubMed Central PMCID: PMC2640111.

2008

1. Rao HV, Thirumangalakudi L, Grammas P. Cyclin C and cyclin dependent kinases 1, 2 and 3 in thrombin-induced neuronal cell cycle progression and apoptosis. *Neurosci Lett.* 2009 Feb 6;450(3):347-50. Epub 2008 Dec 16. PubMed PMID: 19103257; PubMed Central PMCID: PMC2734191.

2. Sanchez A, Chiriva-Internati M, Grammas P. Transduction of PACAP38 protects primary cortical neurons from neurotoxic injury. *Neurosci Lett.* 2008 Dec 19;448(1):52-5. Epub 2008 Oct 14. PubMed PMID: 18938212; PubMed Central PMCID: PMC2640109.
3. Christov A, Ottman J, Hamdheydari L, Grammas P. Structural changes in Alzheimer's disease brain microvessels. *Curr Alzheimer Res.* 2008 Aug;5(4):392-5. PubMed PMID: 18690836.
4. Sanchez A, Rao HV, Grammas P. PACAP38 protects rat cortical neurons against the neurotoxicity evoked by sodium nitroprusside and thrombin. *Regul Pept.* 2009 Jan 8;152(1-3):33-40. Epub 2008 Jul 16. PubMed PMID: 18682263; PubMed Central PMCID: PMC2640111.
5. Tripathy D, Thirumangalakudi L, Grammas P. RANTES upregulation in the Alzheimer's disease brain: a possible neuroprotective role. *Neurobiol Aging.* 2010 Jan;31(1):8-16. Epub 2008 Apr 28. PubMed PMID: 18440671; PubMed Central PMCID: PMC2803489.
6. Jana K, Yin X, Schiffer RB, Chen JJ, Pandey AK, Stocco DM, Grammas P, Wang X. Chrysin, a natural flavonoid enhances steroidogenesis and steroidogenic acute regulatory protein gene expression in mouse Leydig cells. *J Endocrinol.* 2008 May;197(2):315-23. PubMed PMID: 18434361.
7. Neuwelt E, Abbott NJ, Abrey L, Banks WA, Blakley B, Davis T, Engelhardt B, Grammas P, Nedergaard M, Nutt J, Pardridge W, Rosenberg GA, Smith Q, Drewes LR. Strategies to advance translational research into brain barriers. *Lancet Neurol.* 2008 Jan;7(1):84-96. Review. PubMed PMID: 18093565.
8. Wang X, Yin X, Schiffer RB, King SR, Stocco DM, Grammas P. Inhibition of thromboxane a synthase activity enhances steroidogenesis and steroidogenic acute regulatory gene expression in MA-10 mouse Leydig cells. *Endocrinology.* 2008 Feb;149(2):851-7. Epub 2007 Nov 15. PubMed PMID: 18006634; PubMed Central PMCID: PMC2219308.

2007

1. Wang X, Yin X, Schiffer RB, King SR, Stocco DM, Grammas P. Inhibition of thromboxane a synthase activity enhances steroidogenesis and steroidogenic acute regulatory gene expression in MA-10 mouse Leydig cells. *Endocrinology.* 2008 Feb;149(2):851-7. Epub 2007 Nov 15. PubMed PMID: 18006634; PubMed Central PMCID: PMC2219308.
2. Thirumangalakudi L, Yin L, Rao HV, Grammas P. IL-8 induces expression of matrix metalloproteinases, cell cycle and pro-apoptotic proteins, and cell death in cultured neurons. *J Alzheimers Dis.* 2007 Jun;11(3):305-11. PubMed PMID: 17851181.
3. Tripathy D, Thirumangalakudi L, Grammas P. Expression of macrophage inflammatory protein 1-alpha is elevated in Alzheimer's vessels and is regulated by oxidative stress. *J Alzheimers Dis.* 2007 Jul;11(4):447- 55. PubMed PMID: 17656823.

4. Rao HV, Thirumangalakudi L, Desmond P, Grammas P. Cyclin D1, cdk4, and Bim are involved in thrombin-induced apoptosis in cultured cortical neurons. *J Neurochem*. 2007 Apr;101(2):498-505. Epub 2007 Jan 24. PubMed PMID: 17254021.

2006

1. Wang X, Shen CL, Dyson MT, Yin X, Schiffer RB, Grammas P, Stocco DM. The involvement of epoxygenase metabolites of arachidonic acid in cAMP-stimulated steroidogenesis and steroidogenic acute regulatory protein gene expression. *J Endocrinol*. 2006 Sep;190(3):871-8. PubMed PMID: 17003287.
2. Thirumangalakudi L, Samany PG, Owoso A, Wiskar B, Grammas P. Angiogenic proteins are expressed by brain blood vessels in Alzheimer's disease. *J Alzheimers Dis*. 2006 Sep;10(1):111-8. Review. PubMed PMID: 16988487.
3. Mhatre M, Hensley K, Nguyen A, Grammas P. Chronic thrombin exposure results in an increase in apolipoprotein-E levels. *J Neurosci Res*. 2006 Aug 1;84(2):444-9. PubMed PMID: 16683250; PubMed Central PMCID: PMC1865107.
4. Grammas P, Samany PG, Thirumangalakudi L. Thrombin and inflammatory proteins are elevated in Alzheimer's disease microvessels: implications for disease pathogenesis. *J Alzheimers Dis*. 2006 Mar;9(1):51-8. PubMed PMID: 16627934.
5. Phelps ED, Updike DL, Bullen EC, Grammas P, Howard EW. Transcriptional and posttranscriptional regulation of angiopoietin-2 expression mediated by IGF and PDGF in vascular smooth muscle cells. *Am J Physiol Cell Physiol*. 2006 Feb;290(2):C352-61. Epub 2005 Sep 21. PubMed PMID: 16176970.

2005

1. Phelps ED, Updike DL, Bullen EC, Grammas P, Howard EW. Transcriptional and posttranscriptional regulation of angiopoietin-2 expression mediated by IGF and PDGF in vascular smooth muscle cells. *Am J Physiol Cell Physiol*. 2006 Feb;290(2):C352-61. Epub 2005 Sep 21. PubMed PMID: 16176970.
2. Kanmogne GD, Primeaux C, Grammas P. Induction of apoptosis and endothelin-1 secretion in primary human lung endothelial cells by HIV-1 gp120 proteins. *Biochem Biophys Res Commun*. 2005 Aug 12;333(4):1107-15. PubMed PMID: 15979050.
3. Kanmogne GD, Primeaux C, Grammas P. HIV-1 gp120 proteins alter tight junction protein expression and brain endothelial cell permeability: implications for the pathogenesis of HIV-associated dementia. *J Neuropathol Exp Neurol*. 2005 Jun;64(6):498-505. PubMed PMID: 15977641.