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Recent Publications by Hexos Incorporated:

- [Role of insulin, adipocyte hormones, and nutrient-sensing pathways in regulating fuel metabolism and energy homeostasis: a nutritional perspective of diabetes, obesity, and cancer.](#)

Traditionally, nutrients such as glucose and amino acids have been viewed... 11th November, 2006
Hexos Inc., 18304 NE 153rd Street, Woodinville, WA 98072, USA.- Sci STKE. 2006 Aug 1;2006(346):re7. ([DOI Direct Link](#))

- [Turnover and characterization of UDP-N-acetylglucosaminyl transferase in a stably transfected HeLa cell line.](#)

To estimate the turnover of UDP-N-acetylglucosaminyl transferase (OGT), we... 13th July, 2005
Hexos,- Biochem Biophys Res Commun. 2005 Jun 24;332(1):263-70. ([DOI Direct Link](#))

- [Glucosamine induces rapid desensitization of glucose transport in isolated adipocytes by increasing GlcN-6-P levels.](#)

We have examined the hypothesis that glucosamine (GlcN) can rapidly induce... 17th May, 2005
Hexos- Biochem Biophys Res Commun. 2005 Apr 15;329(3):1155-61. ([DOI Direct Link](#))

- [Glucosamine-induced activation of glycogen biosynthesis in isolated adipocytes. Evidence for a rapid allosteric control mechanism within the hexosamine biosynthesis pathway.](#)

Enhanced flux through the hexosamine biosynthesis pathway (HBP) induces... 22nd April, 2005
Hexos, Incorporated, Woodinville,- J Biol Chem. 2005 Mar 25;280(12):11018-24. Epub 2005 Jan 12. ([DOI Direct Link](#))

- [Potential regulation of nuclear UDP-N-acetylglucosaminyl transferase \(OGT\) by substrate availability: ability of chromatin protein to bind UDP-N-acetylglucosamine and reduce OGT-mediated O-Linked glycosylation.](#)

- UDP-N-acetylglucosaminyl transferase (OGT) resides in both cytosolic and...* 19th March, 2005
Hexos, Inc, Woodinville,- Biol Pharm Bull. 2004 Aug;27(8):1293-6.
- [Dynamic actions of glucose and glucosamine on hexosamine biosynthesis in isolated adipocytes: differential effects on glucosamine 6-phosphate, UDP-N-acetylglucosamine, and ATP levels.](#)
Glucose and glucosamine (GlcN) cause insulin resistance over several hours... 16th February, 2005
Hexos, Inc., Woodinville, Washington 98072, USA.- J Biol Chem. 2004 Aug 20;279(34):35313-9. Epub 2004 Jun 15. ([DOI Direct Link](#))
 - [Differential effects of vanadate on UDP-N-acetylglucosaminyl transferase activity derived from cytosol and nucleosol.](#)
UDP-N-acetylglucosaminyl transferase (OGT) is a key enzyme of a novel... 20th July, 2004
Hexos,- Biochem Biophys Res Commun. 2004 Jun 11;318(4):911-5. ([DOI Direct Link](#))
 - [Enhanced expression of uridine diphosphate-N-acetylglucosaminyl transferase \(OGT\) in a stable, tetracycline-inducible HeLa cell line using histone deacetylase inhibitors: kinetics of cytosolic OGT accumulation and nuclear translocation.](#)
We have created a stable, tetracycline-inducible HeLa cell line that... 15th April, 2004
Hexos,- Anal Biochem. 2003 Aug 15;319(2):304-13.
 - [Measurement of UDP-N-acetylglucosaminyl transferase \(OGT\) in brain cytosol and characterization of anti-OGT antibodies.](#)
UDP-N-acetylglucosaminyl transferase (OGT) catalyzes O-linked... 31st January, 2004
Hexos, Inc., 18304 NE 153rd Street, Woodinville, WA 98072, USA.- Anal Biochem. 2003 Mar 15;314(2):169-79.
 - [UDP-N-acetylglucosaminyl transferase \(OGT\) in brain tissue: temperature sensitivity and subcellular distribution of cytosolic and nuclear enzyme.](#)
In brain tissue, UDP-N-acetylglucosaminyl transferase (OGT) is known to... 13th November, 2003
Hexos, Inc., 18304 NE 153rd Street, Woodinville, WA 98072, USA.- J Neurochem. 2003 Sep;86(5):1271-80.

BioNews Results for Hexos Incorporated



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