

Glycoprotein Hormones: Structure, Function, And Clinical Implications (Serono Symposia USA)

In recent years many new engineered protein -

largely exceed clinical efficacy of existing products, including recombinant human. TSH (rec-hTSH TSH analogs can be divided into three phases: the TSH structure-function phase, the discovery phase TSH is a member of glycoprotein hormone family produced .. Norwell, MA, Serono Symposia, USA: 61 81. Smits, G.

<http://eknygos.lsmuni.lt/springer/290/345-356.pdf>

The role of O-linked and N-linked oligosaccharides -

The oligosaccharide chains of glycoprotein hormones have been shown to play a role in determining the maintenance of intracellular stability, assembly, secretion

<http://www.sciencedirect.com/science/article/pii/S0304416505004125>

Structure- function relationships of of the -

Structure-function relationships of the glycoprotein hormones of the glycoprotein hormones. structure-activity relationships The pituitary hormones FSH,

[http://www.cell.com/trends/pharmacological-sciences/pdf/0165-6147\(91\)90547-6.pdf](http://www.cell.com/trends/pharmacological-sciences/pdf/0165-6147(91)90547-6.pdf)

What are the functions of glycoproteins? | Ask.com -

Function of Glycoproteins and Glycolipids; Glycoprotein Structure; Glycoproteins and Glycolipids Are Important for; Are Glycoproteins Found on Cell Membranes;

<http://www.ask.com/science/functions-glycoproteins-9541ff78d0d60647>

Structure function relationships of glycoprotein -

FIGURE 1 | Glycoprotein hormones emergence and evolution Cahoreau et al. Structure-function of glycoprotein hormones. The GPH a- and b-subunits genes derived from

<http://journal.frontiersin.org/article/10.3389/fendo.2015.00026/pdf>

Glycoprotein hormone isomorphism and assay -

Glycoprotein hormones isomorphism assay discrepancy LH immunoassay. Page %P. Loading Close Plain text. Journal of Endocrinological Investigation Look

<http://link.springer.com/article/10.1007%2FBF03348981>

Structural and Functional Roles of FSH and LH as -

Feb 20, 2013 Structural and Functional Roles of FSH and LH as Glycoproteins the secretion of LH and FSH, both of which play a central role in ovarian function. regarding the composition and structure of associated carbohydrate moieties [9-12]. Immunogenicity of glycoprotein hormones is, for the most part,

<http://www.intechopen.com/books/gonadotropin/structural-and-functional-roles-of-fsh-and-lh-as-glycoproteins-regulating-reproduction-in-mammalian->

Mag.a Regine Gerth 6020 Innsbruck, Innrain 98 T -

Endo '99, San Diego, Ca, U.S.A., June 12 - 15 (1999) Serono Symposia, Glycoprotein hormones: Structure, function and clinical implications, Santa Barbara,.

<https://www.fhg-tirol.ac.at/data.cfm?vpath=download-forschung/publikationen-regine-gerth>

Molecular structures of glycoprotein hormones and -

Pituitary glycoprotein hormone oligosaccharides: Human luteinizing hormone. Structure and function of some preparations. Acta Endocrinol Suppl (Copenh)

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1133060/>

Glycoprotein Hormones: Structure and Function -

The main function of human thyroid stimulating hormone (hTSH) [3] is the regulation of synthesis and release of the thyroid hormones, triiodothyronine (T₃) and

<http://academic.research.microsoft.com/Publication/38369010/glycoprotein-hormones-structure-and-function>

Structural and Functional Roles of FSH and LH as -

Ovariectomy of heifers causes a shift towards the more basic isoforms of LH and FSH, Parsons TF. Glycoprotein Hormones: Structure and Function. Annu Rev Biochem

<http://www.intechopen.com/books/gonadotropin/structural-and-functional-roles-of-fsh-and-lh-as-glycoproteins-regulating-reproduction-in-mammalian->

Glycoprotein Hormones: Structure and Function - -

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<http://www.annualreviews.org/doi/abs/10.1146/annurev.bi.50.070181.002341?journalCode=biochem>

Structure Function Relationships of Glycoprotein -

Physiologie de la Reproduction et des Comportements (PRC), Centre National de la Recherche Scientifique, INRA, Nouzilly, France; Glycoprotein hormones (GPHs) are the

<http://journal.frontiersin.org/article/10.3389/fendo.2015.00026/abstract>

Glycoprotein - Wikipedia, the free encyclopedia -

Glycoproteins are proteins that contain oligosaccharide chains Hormones that are glycoproteins include: Some functions served by glycoproteins; Function

<http://en.wikipedia.org/wiki/Glycoprotein>

The glycoprotein hormones: recent studies of -

The glycoprotein hormones: recent studies of structure The structural features of the heterodimeric glycoprotein hormones that glycoprotein hormone binding

<http://www.fasebj.org/content/2/11/2661>

Endometrium and Embryo Implantation - Reproductive -

Serono Symposia International Foundation will submit this program New Haven, CT, USA . Under the influence of ovarian hormones, the uterine lining reaches a function to mediate the actions of steroids to promote endometrial receptivity, . genomic delay of the endometrium with potential clinical implications. J Clin.

http://reproductive-medicine.excemed.org/documents/FP_Lyon_web.pdf?id=1958

Glycoprotein Hormones: Structure Function Studies -

Abstract. Glycoprotein hormones, Thyrotropin(TSH), Follitropin(FSH), Lutropin(LH) and Chorionic Gonadotropin(CG) are heterodimers composed of a common \alpha subunit

<http://eprints.iisc.ernet.in/17004/>

Glycoprotein hormone receptor family (IPR002131) -

Glycoprotein hormones and reproductive function [PMID: 6177696]. The hormones FSH, Signatures from InterPro member databases are used to construct an entry.

<http://www.ebi.ac.uk/interpro/entry/IPR002131>

0387941657 - Glycoprotein Hormones: Structure, -

Glycoprotein Hormones: Structure, Function, and Clinical Implications (Serono Symposia, USA) Function, and Clinical Implications (1993 : Santa Barbara, Calif

<http://www.abebooks.com/book-search/isbn/0387941657/>

Mike Roberts - Division Of Animal Sciences - -

(1997) Multiple Pregnancy-Associated Glycoproteins Are Secreted by Day 100 Ovine USA. 95, 7882-7887.

Roberts, R.M., Liu, L., Guo, Q., Leaman, D., Bixby, J. (1998) . (PAGs) throughout pregnancy in the cow: possible functional implications. . Serono Symposium, Embryo Implantation: Molecular, Cellular and Clinical

<http://animalsciences.missouri.edu/faculty/roberts/cv.php>

Glycoprotein Hormones : Structure, Function, and -

schema:datePublished " 1994 " schema:description " The papers in this volume comprise the proceedings of the Symposium on Glycoprotein Hormones: Structure, Function

<http://www.worldcat.org/title/glycoprotein-hormones-structure-function-and-clinical-implications/oclc/852789859>

Pituitary glycoprotein hormone oligosaccharides: -

Structure, synthesis and function of the asparagine-linked Each glycoprotein hormone is a heterodimer consisting of non-covalently associated

<http://www.sciencedirect.com/science/article/pii/0304415788900123>

Mass spectrometric characterization of nicked -

Human chorionic gonadotropin (hCG)1 is a glycoprotein hormone produced by minor changes in protein structure, given the tightly folded tertiary structure or .. native luteinizing hormone -subunit, from native hCG also has implications in .. Glycoprotein hormones 1989:45-61 Serono Symposia Newport Beach, CA. . .

<http://www.clinchem.org/content/43/7/1172.long>

A Functional Determinant in Human Luteinizing -

cells and the secreted hormones assayed for heterodimer formation, receptor binding .. (eds) Glycoprotein Hormones: Structure, Function and Clinical Implications. Serono Symposia, USA, Springer-Verlag, New York, pp 103 117. 20. Kunkel

<http://press.endocrine.org/doi/pdf/10.1210/endo.138.4.5082>

Interaction and activation of luteinizing hormone -

Hormone, Receptor and Clinical Implication long to the glycoprotein hormone family, which also includes follicle stimulating cated in the attempt to restore some function, includ- ing induction of and Joyce Lustbader determined the crystal structure Chin Wand Boime I (Serono Symposia, USA, Norwell). 1990, 355.

[http://nopr.niscair.res.in/bitstream/123456789/17357/1/IJEB%2040\(4\)%20424-433.pdf](http://nopr.niscair.res.in/bitstream/123456789/17357/1/IJEB%2040(4)%20424-433.pdf)

Gonadotropin - Wikipedia, the free encyclopedia -

as well as at least two forms of fish gonadotropins. These hormones are structure The two principal the mature glycoprotein, implying that hormone

<http://en.wikipedia.org/wiki/Gonadotropin>

CV.doc - SlideShare -

Oct 21, 2010 1985-1995 Member, Molecular Biology and Hormones & Cancer Programs, . 1988: Techniques and Concepts, Serono Symposia, USA Press, 1988. In: Glycoprotein Hormones: Structure, function and clinical implications.

<http://www.slideshare.net/roger961/cvdoc-5514618>

Structural Biochemistry/Carbohydrates/ -

The role of O-linked and N-linked oligosaccharides on the structure function of glycoprotein hormones:
Development of agonists and antagonists, Biochimica et

https://en.wikibooks.org/wiki/Structural_Biochemistry/Carbohydrates/Glycoproteins

Glycoprotein hormones: structure and function -

Human chorionic gonadotropin (hCG) is a glycoprotein hormone, secreted by the syncytiotrophoblast cells of the fertilized ovum, that enters the maternal circulation

<http://citeseerx.ist.psu.edu/showciting?cid=16692034>

Chorionic gonadotropin and uterine dialogue in the -

Jul 5, 2004 CG is a glycoprotein hormone that belongs to the same family as . CG regulates uterine function has potentially important implications for Psychoyos A. The implantation window: basic and clinical aspects. Rome: Ares Serono Symposia ; 1993. pp. San Diego, CA, USA: Academic Press; 1998. p. 587

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC471569/>

Full Text - Human Reproduction - Oxford Journals -

As with other members of the glycoprotein hormone family, pituitary from each other mainly in the structure of their oligosaccharide attachments. FSH are the master anterior pituitary signals that regulate gonadal function. .. Ares Serono Symposia Publications, Rome, Italy, Vol., 5, 99 114. USA, 90, 11127 11131.

<http://humrep.oxfordjournals.org/content/16/4/599.full>

Glycoprotein Hormones - Springer -

Members of the glycoprotein hormone These hormones are essential for the proper development and function On the structure of the luteinizing hormone

http://link.springer.com/chapter/10.1007/978-1-59259-102-2_13

Glycoprotein Hormones - Structure, Function, and -

Glycoprotein Hormones Structure, Function, and Clinical Implications. Editors: Lustbader, Joyce W., Puett, David, Ruddon, Raymond W. (Eds.)

<http://www.springer.com/us/book/9780387941653>

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