

Luteinization

[View the current Luteinization InDepth page on BioPortfolio.com \(PDF\)](#)
(<http://www.bioportfolio.com/indepth/Luteinization.html>) - Regularly Updated.



Recent Publications on Luteinization:

- [Luteinizing Hormone-stimulated Pituitary Adenylate Cyclase-activating Polypeptide System and its Role in Progesterone Production in Human Luteinized Granulosa Cells.](#)
*The present study examined the gonadotropin regulation of pituitary...*21st November, 2009
Hormone Research Center and School of Biological Sciences & Technology, - Endocr J. 2009 Nov 19.
- [Luteal support: Progestogens for pregnancy protection.](#)
*Following ovulation, the granulosa cells undergo luteinization and form...*17th November, 2009
Department of Obstetrics and Gynecology, McMaster University, 1200 Main St- Maturitas. 2009 Nov 11. ([DOI Direct Link](#))
- [GnRH antagonist ganirelix prevents premature luteinization in IUI cycles: rationale for its use.](#)
*This study evaluated the efficacy of a gonadotrophin-releasing hormone...*10th November, 2009
IVI-Madrid, Spain.- Reprod Biomed Online. 2009 Aug;19(2):156-61.
- [Female infertility due to anovulation and defective steroidogenesis in NPC2 deficient mice.](#)
*Niemann Pick C2 (NPC2) and NPC1 proteins function cooperatively to...*4th November, 2009
Departamento de Fisiologia, Facultad de Ciencias Biologicas, Pontificia- Mol Cell Endocrinol. 2009 Oct 31. ([DOI Direct Link](#))
- [Multiple Endocrine Regulation by Bone Morphogenetic Protein System.](#)
*Bone morphogenetic proteins (BMPs) were originally identified with regard...*31st October, 2009
Endocrine Center of Okayama University Hospital; Department of Medicine- Endocr J. 2009 Oct 30.
- [Transcriptional effects of progesterone receptor antagonist in rat granulosa cells.](#)
*Progesterone, acting via the nuclear progesterone receptor (PGR), reduces...*13th October, 2009
Department of Physiology/Endocrinology, Institute of Neuroscience and- Mol Cell Endocrinol. 2009 Oct 7. ([DOI Direct Link](#))
- [The regulatory role of Dicer in folliculogenesis in mice.](#)
*Dicer is the ribonuclease III for synthesis of mature functional microRNAs...*6th October, 2009
Department of Obstetrics and Gynecology, Northwestern University, Chicago,- Mol Cell Endocrinol. 2009 Sep 30. ([DOI Direct Link](#))
- [DNA Methylation Is Not Involved in Preovulatory Down-Regulation of CYP11A1, HSD3B1, and CYP19A1 in Bovine Follicles But May Play a Role for Permanent Silencing of CYP19A1 in Large Granulosa Lutein Cells.](#)
*The luteinizing hormone-induced morphological and physiological...*2nd October, 2009
- Biol Reprod. 2009 Sep 30. ([DOI Direct Link](#))
- [Predictors of recurrence of ovarian granulosa cell tumors.](#)

*OBJECTIVE: The prognosis of granulosa cell tumors (GCTs) is overall...*26th September, 2009
Department of Obstetrics and Gynecology, UCLA David Geffen School of- Int J Gynecol Cancer. 2009
May;19(4):628-33. ([DOI Direct Link](#))

- [Controlled delivery of a GnRH agonist by a silastic implant \(Gonazon\) results in long-term contraception in queens.](#)

*Many female cats are spayed to prevent problems associated with calling...*17th September, 2009
Intervet-Schering Plough Pharma Animal Health, Intervet Pharma, R&D,- Reprod Domest Anim. 2009
Jul;44 Suppl 2:79-82. ([DOI Direct Link](#))

- [Brenner tumor in pregnancy: clinical approach and pathological findings.](#)

*The Brenner tumor is an uncommon ovarian tumor in pregnancy with only...*28th August, 2009
Department of Obstetrics and Gynecology, Istanbul Bakirkoy Maternity and- J Obstet Gynaecol Res.
2009 Jun;35(3):565-8. ([DOI Direct Link](#))

- [LH/HCG stimulation of VEGF and adrenomedullin production by follicular fluid macrophages and luteinized granulosa cells.](#)

*Luteinized granulosa cells and macrophages actively secrete vascular...*19th August, 2009
Institut Clinic of Gynecology Obstetrics and Neonatology, Faculty of- Reprod Biomed Online. 2009
Jun;18(6):743-9.

- [Expression of Frizzled 2 in the mouse ovary during oestrous cycle.](#)

*Summary The Wnt/beta-catenin pathway is a conserved signalling pathway...*12th August, 2009
College of Animal Science and Technology, Nanjing Agricultural University,- J Anim Physiol Anim Nutr
(Berl). 2009 Aug 3. ([DOI Direct Link](#))

- [Isolation and identification of genes differentially expressed in premature luteinization granulosa cell during controlled ovarian hyperstimulation.](#)

*By using suppression subtractive hybridization and macroarray, we...*21st July, 2009
Institute of Human Reproduction and Stem Cell Engineering, Central South- Fertil Steril. 2009
Nov;92(5):1767-71. Epub 2009 Jul 17. ([DOI Direct Link](#))

- [Suppression of ovulation by a synthetic progestin in the capuchin monkey.](#)

*BACKGROUND: From the limited research in New World monkeys it is not clear...*28th May, 2009
Centro de Investigacion en Reproduccion Humana y Experimental, Instituto- J Med Primatol. 2009
Oct;38(5):340-6. Epub 2009 May 11. ([DOI Direct Link](#))

Luteinization Patents:



- 6319192- [Method for the treatment of fertility disorders](#)
- 6886740- [Apparatus for calculating time periods](#)
- 6939558- [Intravaginal devices containing progesterone for estrus synchronization and related processes](#)
- 6965013- [Intermedin and its uses](#)
- 7001597- [Methods for altering fertility](#)
- 7045302- [Expressed ligand-vascular intercellular signaling molecule](#)
- 7063965- [Nucleic acid encoding TIE-2 ligand](#)
- 7070975- [Protein and DNA thereof](#)
- 7074895- [Sequences characteristic of hypoxia-regulated gene transcription](#)
- 7125843- [Glycoconjugates including more than one peptide](#)
- 7144720- [Protein and DNA thereof](#)

- 6825008- [Expressed ligand--vascular intercellular signalling molecule](#)
- 6805877- [Intravaginal devices containing progesterone for estrus synchronization and related processes](#)
- 6680189- [Protein and DNA thereof](#)
- 6403631- [Method and compositions for enhancing pregnancy success in an animal](#)
- 6407139- [Neovascularization inhibitor](#)
- 6414123- [Method for purifying FSH](#)
- 6441137- [Expressed ligand-vascular intercellular signalling molecule](#)
- 6486303- [Method for making hormone heterodimers](#)
- 6525023- [Vascular smooth muscle cell growth factor](#)
- 6602676- [Testing method](#)
- 6627415- [TIE-2 ligands, methods of making and uses thereof](#)
- 6660717- [Folliculogenesis](#)
- 6680174- [Assay for growth differentiation factor 9](#)
- 7151083- [Luteinizing hormone and follicle stimulating hormone for use in inducing folliculogenesis](#)
- 7157277- [Factor VIII remodeling and glycoconjugation of Factor VIII](#)
- 7361684- [Screening of compounds for treatment of atherosclerosis and heart attack](#)
- 7375109- [Glycine-substituted thieno\[2,3-d\]pyrimidines with combined LH and FSH agonistic activity](#)
- 7399613- [Sialic acid nucleotide sugars](#)
- 7413735- [Pharmaceutical composition comprising arginine deiminase for inhibiting angiogenesis](#)
- 7432067- [Methods of detection of MATER protein autoantibodies](#)
- 7439043- [Galactosyl nucleotide sugars](#)
- 7482322- [Plexin family-like polypeptide, and uses thereof](#)
- 7524935- [Sequences characteristic of hypoxia-regulated gene transcription](#)
- 7531635- [MATER-protein specific antibodies and methods of use](#)
- 7615544- [Method of improving cumulative embryo score and quantity of fertilized oocytes, increasing euploidy rate and of normalizing ovarian function using an androgen such as dehydroepiandrosterone](#)
- 7320969- [Oral contraceptives to prevent pregnancy and diminish premenstrual symptomatology](#)
- 7317006- [Thieno\[2,3-d\]pyrimidines with combined LH and FSH agonistic activity](#)
- 7309483- [Method of treatment using Tie2 ligand2](#)
- 7173003- [Granulocyte colony stimulating factor: remodeling and glycoconjugation of G-CSF](#)
- 7179617- [Factor IX: remodeling and glycoconjugation of Factor IX](#)
- 7189812- [Human gene critical to fertility](#)
- 7214660- [Erythropoietin: remodeling and glycoconjugation of erythropoietin](#)
- 7217811- [Human gene critical to fertility](#)
- 7226903- [Interferon beta: remodeling and glycoconjugation of interferon beta](#)
- 7265084- [Glycopegylation methods and proteins/peptides produced by the methods](#)
- 7265085- [Glycoconjugation methods and proteins/peptides produced by the methods](#)
- 7265157- [Sustained release compositions, process for producing the same and use thereof](#)
- 7297511- [Interferon alpha: remodeling and glycoconjugation of interferon alpha](#)
- 7615545- [Oral contraceptives to prevent pregnancy and diminish premenstrual symptomatology](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:
Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road,
Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

