

## Zona Reticularis

[View the current Zona Reticularis InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Zona_Reticularis.html)

([http://www.bioportfolio.com/indepth/Zona\\_Reticularis.html](http://www.bioportfolio.com/indepth/Zona_Reticularis.html))



### Recent Publications on Zona Reticularis:

- [Adrenal androgens in humans and nonhuman primates: production, zonation and regulation.](#)  
*The synthesis and secretion of large quantities of the adrenal androgens...*12th August, 2008  
Population Health and Reproduction, School of Veterinary Medicine,- Endocr Dev. 2008;13:33-54. ([DOI Direct Link](#))
- [Steroidogenic enzymes.](#)  
*The enzymes and pathways of steroidogenesis are familiar to most...*12th August, 2008  
Division of Endocrinology, Department of Pediatrics, University of- Endocr Dev. 2008;13:1-18. ([DOI Direct Link](#))
- [Interleukin-4 increases cortisol release and decreases adrenal androgen release from bovine adrenal cells.](#)  
*ACTH is the primary regulator of adrenal function during acute stress....*9th August, 2008  
Department of Physiology and Developmental Biology, 574 WIDB, Brigham- Domest Anim Endocrinol. 2008 May;34(4):372-82. Epub 2007 Nov 20. ([DOI Direct Link](#))
- [Nonhuman primates as models for human adrenal androgen production: Function and dysfunction.](#)  
*The origin of circulating DHEA and adrenal-derived androgens in humans and...*7th August, 2008  
Wisconsin National Primate Research Center, University of Wisconsin,- Rev Endocr Metab Disord. 2008 Aug 6. ([DOI Direct Link](#))
- [The effects of chronic SRIH-14 and octreotide administration on the pituitary-adrenal axis in adult male rats.](#)  
*The effects of chronic treatments with SRIH-14 and octreotide on pituitary...*1st August, 2008  
Institute for Biological Research Sinisa Stankovic, Bulevar Despota- Eur J Histochem. 2008 Jan-Mar;52(1):61-8.
- [Leukemia inhibitory factor protein and receptors are expressed in the bovine adrenal cortex and increase cortisol and decrease adrenal androgen release.](#)  
*The release of adrenal steroids during acute stress is primarily regulated...*22nd July, 2008  
Department of Physiology and Developmental Biology, Brigham Young- Domest Anim Endocrinol. 2008 Aug;35(2):217-30. Epub 2008 Jun 26. ([DOI Direct Link](#))
- [McCune-Albright syndrome with male premature pubarche of unusual origin.](#)  
*Premature pubarche in boys is a rare manifestation of McCune-Albright...*17th July, 2008  
Division of Pediatric Endocrinology and Diabetes, Department of Pediatrics- Horm Res. 2008;69(5):312-6. Epub 2008 Feb 6. ([DOI Direct Link](#))
- [Mechanisms of inhibition of dehydroepiandrosterone upon corticosterone release from rat zona fasciculata-reticularis cells.](#)

- We have demonstrated that dehydroepiandrosterone (DHEA) acts directly on...*9th July, 2008  
Department of Chemical Engineering, Chinese Culture University, Taipei,- J Cell Biochem. 2008 May 15;104(2):359-68. ([DOI Direct Link](#))
- [Analysis of mRNA expression for steroidogenic enzymes in the remaining adrenal cortices attached to adrenocortical adenomas.](#)  
*DESIGN AND METHODS: We have recently demonstrated that the adrenal...*17th June, 2008  
Division of Pathology, Nagasaki University Graduate School of Biomedical- Eur J Endocrinol. 2008 Jun;158(6):867-78. ([DOI Direct Link](#))
  - [\[Morphometric parameters of rat adrenals in the dynamics of general hypothermia\]](#)  
*In this study, some morphometric parameters of adrenals in outbred albino...*29th May, 2008  
- Morfologija. 2007;132(6):52-6.
  - [Diurnal rhythmicity of the canonical clock genes Per1, Per2 and Bmal1 in the rat adrenal gland is unaltered after hypophysectomy.](#)  
*Circadian rhythms are generated by endogenous clocks in the central brain...*23rd May, 2008  
Department of Clinical Biochemistry, Bispebjerg Hospital, University of- J Neuroendocrinol. 2008 Mar;20(3):323-9. Epub 2008 Jan 16. ([DOI Direct Link](#))
  - [Fascin expression in human embryonic, fetal, and normal adult tissue.](#)  
*This study investigates the distribution of fascin in human embryonic,...*4th April, 2008  
Department of Biochemistry and Molecular Biology, Medical College of- J Histochem Cytochem. 2008 Feb;56(2):193-9. Epub 2007 Nov 12. ([DOI Direct Link](#))
  - [Caspase-3 and Bcl-2 expression in aging in adrenal zona reticularis after dexamethasone administration.](#)  
*Adrenocortical cell death by apoptosis is a common finding when...*5th March, 2008  
Laboratory of Molecular Cell Biology, Faculdade de Medicina da- Ann N Y Acad Sci. 2007 Nov;1119:190-5. ([DOI Direct Link](#))
  - [Human adrenal corticocarcinoma NCI-H295R cells produce more androgens than NCI-H295A cells and differ in 3beta-hydroxysteroid dehydrogenase type 2 and 17,20 lyase activities.](#)  
*The human adrenal cortex produces mineralocorticoids, glucocorticoids, and...*16th January, 2008  
Pediatric Endocrinology and Diabetology, University Children's Hospital- J Endocrinol. 2007 Dec;195(3):459-72. ([DOI Direct Link](#))
  - [The effect of leptin on adrenal glands in rats with streptozotocin-induced diabetes: an experimental study.](#)  
*OBJECTIVE: To determine the cross-section area of adrenal medulla and the...*27th December, 2007  
Department of Embryology and Histology, Adnan Menderes University School- Anal Quant Cytol Histol. 2007 Oct;29(5):291-5.

## BioNews Results for Zona Reticularis

- [Dicas para prevenir e tratar o crescimento intra-epitelial aps LASIK](#)  
*OSN Super Site: Sep 2 2008 6:35PM Matching: zona*
- [Studies from University College describe new findings in enzyme research](#)  
*Macro World Investor: Aug 21 2008 10:19PM Matching: zona*
- [Studies from University College describe new findings in enzyme research](#)  
*Calibre Macro World: Aug 21 2008 10:18PM Matching: zona*
- [Deportation Tied to Higher HIV Risk for Men Injecting Drugs](#)  
*MedicineNet.com: Aug 1 2008 1:22AM Matching: zona*
- [Deportation Tied to Higher HIV Risk for Men Injecting Drugs](#)  
*HealthScout: Jul 31 2008 7:22AM Matching: zona*
- [Deportation Tied to Higher HIV Risk for Men Injecting Drugs](#)

Medbroadcast: Jul 30 2008 3:34PM Matching: zona

- [Deportation Tied to Higher HIV Risk for Men Injecting Drugs](#)

National Womens Health Information Center: Jul 30 2008 3:28PM Matching: zona

- [Deportation Tied to Higher HIV Risk for Men Injecting Drugs](#)

Forbes.com: Jul 30 2008 3:04PM Matching: zona

- [Deportation Tied to Higher HIV Risk for Men Injecting Drugs](#)

Health Finder: Jul 30 2008 2:01PM Matching: zona

## Zona Reticularis Patents:



- 7125549- [Methods and compositions for efficient gene transfer using transcomplementary vectors](#)
- 6022966- [Pretargeting methods and compounds](#)
- 6015897- [Biotinamido-n-methylglycyl-seryl-o-succinamido-benzyl dota](#)
- 5976535- [Pretargeting protocols for the enhanced localization of cytotoxins to target sites and cytotoxic combinations useful therefore](#)
- 5932250- [Anti-cholesterolemic egg, vaccine and method for production, and use](#)
- 5853765- [Anti-cholesterolemic egg, vaccine and method for production, and use](#)
- 5847121- [Production of nitro-benzyl-dota via direct peptide cyclization](#)
- 5624896- [Clearing agents useful in pretargeting methods](#)
- 5616690- [Hexose derivatized human serum albumin clearing agents](#)
- 5578287- [Three-step pretargeting methods using improved biotin-active agent](#)
- 5541287- [Pretargeting methods and compounds](#)
- 5502198- [.alpha.-aryl or heteroaryl-substituted amide ester ACAT inhibitors](#)
- 5420339- [Alpha-aryl or heteroaryl-substituted amide ester ACAT inhibitors](#)
- 5223400- [Immunoassay method for determining the specificity of binding of a monoclonal antibody to an antigen](#)
- 6075010- [Small molecular weight ligand-hexose containing clearing agents](#)
- 6096730- [Phosphonated agents and their antiangiogenic and antitumorigenic use](#)
- 7091248- [Treatment of adrenocortical hypersecretion and tumor growth](#)
- 7029857- [Processes for obtaining compounds employing SNORF72 receptors](#)
- 6875610- [Methods and compositions for efficient gene transfer using transcomplementary vectors](#)
- 6837925- [Coloring pearlescent flake pigment, manufacturing method of the same and cosmetic product containing the same](#)
- 6416738- [Pretargeting methods and compounds](#)
- 6383766- [Reduced cortisol conjugates](#)
- 6358710- [Humanized antibodies that bind to the antigen bound by antibody NR-LU-13](#)
- 6358490- [Three-step pretargeting methods and compounds](#)
- 6353152- [Corticotropin releasing factor receptor 2 deficient mice and uses thereof](#)
- 6217869- [Pretargeting methods and compounds](#)
- 6160166- [Phosphonated agents and their antiangiogenic and antitumorigenic use](#)
- 6147275- [Corticotropin releasing factor receptor 1-deficient mice](#)
- 6100058- [Gap12 genes and their uses](#)
- 4560557- [Silicon and sulfur steroids as irreversible inhibitors of hormone biosynthesis](#)

\*\*\*

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 Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

