

Andrology

[View the current Andrology InDepth page on BioPortfolio.com](#) (PDF)

(<http://www.bioportfolio.com/indepth/Andrology.html>) - Regularly Updated.

Andrology is the medical specialty that deals with male health, particularly relating to the problems of the male reproductive system and urological problems that are unique to men. It is the counterpart to gynaecology, which deals with medical issues which are specific to women. Andrology has only been studied as a distinct specialty since the late 1960s: the first specialist journal on the subject was the German periodical *Andrologie*, published from 1969 onwards. Male-specific medical and surgical procedures include vasectomy and vasovasostomy as well as intervention to deal with male genitourinary disorders such as: * balanitis* cryptorchidism* ectopia testis* epispadias* epididymitis* frenulum breve* hydrocele* hypospadias* impotence * infertility* micropenis* orchitis* paraphimosis* penile cancer* penile fracture* Peyronie's disease* phimosis* prostatitis* prostate cancer* spermatocele* testicular cancer* testicular torsion* varicocele ([From the Wikipedia article Andrology](#).)

Recent Publications on Andrology:



- [The Human Sperm Epigenome and its Potential Role in Embryonic Development.](#)
Along with many of the genome-wide transitions in chromatin composition... 13th November, 2009
IVF and Andrology Laboratories, Departments of Surgery (Urology),- Mol Hum Reprod. 2009 Nov 11. ([DOI Direct Link](#))
- [Trough serum testosterone predicts the development of polycythemia in hypogonadal men treated for up to 21 years with subcutaneous testosterone pellets.](#)
OBJECTIVES: Testosterone (T) formulations that have more steady state... 12th November, 2009
F Ip, Endocrinology, Concord Hospital, Sydney, Australia.- Eur J Endocrinol. 2009 Nov 10. ([DOI Direct Link](#))
- [Increased Prevalance of the -211 T Allele of Follicle Stimulating Hormone \(FSH\) {beta} Subunit Promoter Polymorphism and Lower Serum FSH in Infertile Men.](#)
Context: The human FSHB promoter polymorphism (rs10835638; -211 G/T) has... 10th November, 2009
Institute of Molecular and Cell Biology (M.G., P.Ke., M.L.), University of- J Clin Endocrinol Metab. 2009 Nov 6. ([DOI Direct Link](#))
- [Randomized cross-over clinical trial of injectable vs. implantable depot testosterone for maintenance of testosterone replacement therapy in androgen deficient men.](#)
Summary Background: Life-long testosterone replacement therapy (TRT) for... 7th November, 2009
Andrology Department, Concord Hospital & ANZAC Research Institute,- Clin Endocrinol (Oxf). 2009 Nov 5. ([DOI Direct Link](#))
- [Assessment of sperm quality, DNA integrity and cryopreservation protocols in men diagnosed with testicular and systemic malignancies.](#)
Men diagnosed with malignancy are often referred for semen banking to... 7th November, 2009

- Andrology Laboratory and Reproductive Tissue Bank, The Toronto Institute- *Andrologia*. 2009 Dec;41(6):377-82. ([DOI Direct Link](#))
- [Wolf-Bernhard Schill in honour of his 70th birthday.](#)
*Men diagnosed with malignancy are often referred for semen banking to...*7th November, 2009
Andrology Unit, Department of Urology, Pediatric Urology and Andrology,- *Andrologia*. 2009 Dec;41(6):333-4. ([DOI Direct Link](#))
 - [The effects of male age on semen parameters: analysis of 1364 men attending an andrology center.](#)
*Although the effect of maternal age on fertility is well known, it is...*4th November, 2009
Reproduction Group, University of Antioquia, Medellin, Colombia.- *Aging Male*. 2009 Nov 3.
 - [Alterations in sperm DNA methylation patterns at imprinted loci in two classes of infertility.](#)
*OBJECTIVE: To evaluate the associations between proper protamine...*3rd November, 2009
Andrology and IVF Laboratories, Division of Urology, Department of- *Fertil Steril*. 2009 Oct 30. ([DOI Direct Link](#))
 - [Idiopathic male infertility is strongly associated with aberrant methylation of MEST and IGF2/H19 ICR1.](#)
*Summary Aberrant imprinting in spermatozoa in a subset of infertile men...*3rd November, 2009
Centre of Reproductive Medicine and Andrology, Munster, Germany.- *Int J Androl*. 2009 Oct 30. ([DOI Direct Link](#))
 - [\[Health and disease with focus on men\]](#)
*Changing lifestyles and an excess of food supply in developed countries...*31st October, 2009
Centrum for andrologi och sexualmedicin, Karolinska universitetssjukhuset,- *Lakartidningen*. 2009 Sep 23-29;106(39):2452.
 - [Testosterone deficiency, insulin resistance and the metabolic syndrome.](#)
*Changing lifestyles and an excess of food supply in developed countries...*28th October, 2009
Center of Reproductive Medicine and Andrology, WHO Collaboration Center- *Nat Rev Endocrinol*. 2009 Oct 27. ([DOI Direct Link](#))
 - [The predictive value of testicular ultrasound abnormalities for carcinoma in situ of the testis in men at risk for testicular cancer.](#)
*Summary Testicular microlithiasis (TM) is sometimes observed during...*23rd October, 2009
Andrology unit, Department of Urology, Erasmus MC - University Medical- *Int J Androl*. 2009 Oct 21. ([DOI Direct Link](#))
 - [Seladin-1 and testicular germ cell tumours: new insights into cisplatin responsiveness.](#)
*The molecular basis for the exquisite sensitivity of testicular germ cell...*22nd October, 2009
Andrology Unit, University of Florence, Italy.- *J Pathol*. 2009 Sep 17;219(4):491-500. ([DOI Direct Link](#))
 - [Pharmacogenetics and pharmacogenomics of sexual dysfunction: current status, gaps and potential applications.](#)
*Although treatment of different types of sexual dysfunction has improved...*22nd October, 2009
Sexual Medicine Unit, Department of Andrology, Mansoura Faculty of- *Pharmacogenomics*. 2009 Oct;10(10):1625-44. ([DOI Direct Link](#))
 - [Aquaporins in the human testis and spermatozoa - identification, involvement in sperm volume regulation and clinical relevance.](#)
*Summary Despite the high water-permeability of human spermatozoa, little...*21st October, 2009
Centre of Reproductive Medicine and Andrology, University of Munster,- *Int J Androl*. 2009 Oct 16. ([DOI Direct Link](#))

BioNews Results for Andrology

- [Effect of hydrocele on appendix testis in children](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Angiofibrolipoma of the spermatic cord](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology

- [Localization of epididymal protease inhibitor in adult rat and its transcription profile in testis during postnatal development](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Single semen analysis as a predictor of semen quality: clinical and epidemiological implications](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [The effect of -blocker therapy on erectile functions in patients with lower urinary tract symptoms due to benign prostate hyperplasia](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Quick recovery and characterization of cell-free DNA in seminal plasma of normozoospermia and azoospermia: implications for non-invasive genetic utilities](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [The in vitro effects of superoxide, some commercially available antioxidants and red palm oil on sperm motility](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Proteome analysis of round-headed and normal spermatozoa by 2-D fluorescence difference gel electrophoresis and mass spectrometry](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Does needle calibre affect pain and complication rates in patients undergoing transperineal prostate biopsy? A prospective, randomized trial](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Effects of obesity on lower urinary tract symptoms in Korean BPH patients](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Uptake of resveratrol and role of resveratrol-targeting protein, quinone reductase 2, in normally cultured human prostate cells](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [An overview on ethical issues about sperm donation](#)
Asian Journal of Andrology: Nov 2 2009 12:40PM Matching: andrology
- [Medical News: Ljubljana Center Of Europe During EAU 9th Central European Meeting](#)
Medical News Today: Oct 16 2009 2:49PM Matching: andrology
- [Quick recovery and characterization of cell-free DNA in seminal plasma of normozoospermia and azoospermia: implications for non-invasive genetic utilities](#)
Nature Chemical Biology: Oct 12 2009 8:14AM Matching: andrology
- [Single semen analysis as a predictor of semen quality: clinical and epidemiological implications](#)
Nature Chemical Biology: Oct 12 2009 8:14AM Matching: andrology

Andrology Clinical Trials:



- [Three-Year Trial on a New Testosterone Gel](#)



Andrology Patents:

- 7238667- [Albumin fusion proteins](#)
- 7371415- [Method and composition for improving sexual fitness](#)
- 7371517- [High purity X-chromosome bearing and Y-chromosome bearing populations of spermatozoa](#)
- 7374886- [Tissue inhibitor of matrix metalloproteinases type-1 \(TIMP-1\) as a cancer marker and postoperative marker for minimal residual disease or recurrent disease in patients with a prior history of cancer](#)
- 7384913- [PT32 sperm protein, sperm c-Yes, oocyte cytoplasmic c-Yes, and uses thereof](#)
- 7399751- [Production of a biological factor and creation of an immunologically privileged environment using genetically altered Sertoli cells](#)
- 7405202- [CRISP polypeptides as contraceptives and inhibitors of sperm capacitation](#)
- 7410779- [Fusion polypeptides of human serum albumin and a therapeutically active polypeptide](#)
- 7413861- [Methods for predicting increase sperm ejaculate in a varicocele associated fertility patient](#)
- 7416853- [Lipoprotein associated phospholipase A2, inhibitors thereof and use of the same in diagnosis and therapy](#)
- 7417066- [Inhibitors of soluble adenylate cyclase](#)
- 7368436- [TRPM-2 antisense therapy](#)
- 7335507- [Process for the staining of sperm](#)
- 7329669- [Gonadotropin-releasing hormone receptor antagonists and methods relating thereto](#)
- 7253210- [Methylene-bridged selective androgen receptor modulators and methods of use thereof](#)
- 7268141- [Xanthine phosphodiesterase V inhibitors](#)
- 7273694- [Method and apparatus for reducing pathogens in a biological sample](#)
- 7276329- [Method of sorting cells](#)
- 7285541- [Treatment of melanoma by reduction in clusterin levels](#)
- 7294755- [Genetic modification of male germ cells for generation of transgenic species and genetic therapies](#)
- 7320891- [Methods and kits for isolating sperm cells](#)
- 7321002- [Chiral integrin modulators and methods of use thereof](#)
- 7323454- [Etonogestrel esters](#)
- 7323462- [Morpholine dopamine agonists](#)
- 7419983- [Gonadotropin-releasing hormone receptor antagonists and methods related thereto](#)
- 7427595- [Use of proepithelin to promote wound repair and reduce inflammation](#)
- 7534441- [Immunogenic LHRH compositions and methods relating thereto](#)
- 7534773- [TRPM-2 antisense therapy](#)
- 7547541- [In vitro fertilisation](#)
- 7569551- [Chemo- and radiation-sensitization of cancer by antisense TRPM-2 oligodeoxynucleotides](#)
- 7576081- [Morpholine dopamine agonists](#)
- 7586604- [Optical apparatus](#)
- 7592010- [Albumin fusion proteins](#)
- 7592175- [Methods of preparing feeder cells-free, xeno-free human embryonic stem cells and cell cultures prepared using same](#)
- 7592323- [TRPM-2 antisense therapy](#)
- 7595056- [Methods of rejuvenating Leydig cells and enhancing testosterone production in a male subject](#)
- 7531544- [Xanthine phosphodiesterase V inhibitors](#)

- 7531299- [In vitro uptake of SPAM 1 \(PH-20\) by mammalian sperm](#)
- 7525011- [Transgenic cancer models in fish](#)
- 7432342- [Kinase anchor protein muteins, peptides thereof and related documents](#)
- 7452902- [Imidazopyridines as cyclin dependent kinase inhibitors](#)
- 7452916- [Enhancement of vascular function by modulation of endogenous nitric oxide production or activity](#)
- 7456160- [Formulation](#)
- 7459601- [Human .alpha. synuclein expressing transgenic mice](#)
- 7476693- [Suramin and derivatives thereof as topical microbicide and contraceptive](#)
- 7485430- [Methods and compositions for evaluation of fertility](#)
- 7503701- [Systems and methods for cleaning an optical fibre](#)
- 7507414- [Albumin fusion proteins](#)
- 7521424- [Albumin fusion proteins](#)
- 7598028- [Compositions and methods for detecting and treating prostate disorders](#)

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.

