

NEW BENIGN PROSTATE RESEARCH UPDATES

..... February 2022

Search terms: prostate, prostate inflammation, prostate fibrosis, prostate stromal cell, benign prostate hyperplasia OR BPH, prostate epithelial cell, prostate hypertrophy, prostate AND estrogen receptor OR androgen receptor

1. [Application and Progress of Raman Spectroscopy in Male Reproductive System](#)
Zhang F, Tan Y, Ding J, Cao D, Gong Y, Zhang Y, Yang J, Yin T.
Front Cell Dev Biol. 2022 Jan 12;9:823546. doi: 10.3389/fcell.2021.823546.
PMID: 35096844; PMCID: PMC8791646. Free PMC article.
2. [Blocking serine protease activity prevents Semenogelin degradation leading to Hyperviscous semen in humans](#)
Anamthathmakula P, Erickson JA, Winuthayanon W.
Biol Reprod. 2022 Jan 29;ioac023. doi: 10.1093/biolre/ioac023. Epub ahead of print.
PMID: 35098308.
3. [Ceftriaxone for the Treatment of Chronic Bacterial Prostatitis: A Case Series and Literature Review](#)
Kuiper SG, Ploeger M, Wilms EB, van Dijk MM, Leegwater E, Huis In't Veld RAG, van Nieuwkoop C.
Antibiotics (Basel). 2022 Jan 11;11(1):83. doi: 10.3390/antibiotics11010083.
PMID: 35052960; PMCID: PMC8772798. Free PMC article.
4. ["En-Bloc" Enucleation with Early Apical Release Compared to Standard Holmium Laser Enucleation of the Prostate: A Retrospective Pilot Study During the Initial Learning Curve of a Single Surgeon](#)
Press B, Ghiraldi E, Kim DD, Nair H, Johnson K, Kellner D.
Urology. 2022 Jan 18:S0090-4295(22)00025-5. doi: 10.1016/j.urology.2022.01.011. Epub ahead of print.
PMID: 35063465.
5. [Ejaculatory dysfunction following prostate artery embolization: A retrospective study utilizing the male sexual health questionnaire-ejaculation dysfunction questionnaire](#)
Young S, Moran P, Golzarian J.
Diagn Interv Imaging. 2022 Jan 24:S2211-5684(22)00003-1. doi: 10.1016/j.diii.2022.01.003. Epub ahead of print.
PMID: 35086788.
6. [Evaluating Patient Preferences in Benign Prostatic Hyperplasia Treatment Using Conjoint Analysis](#)
Huffman PJ, Yin E, Cohen AJ.
Urology. 2022 Jan 19:S0090-4295(22)00028-0. doi: 10.1016/j.urology.2022.01.012. Epub ahead of print.
PMID: 35063462.
7. [Exposure to Di-2-ethylhexyl Phthalate and Benign Prostatic Hyperplasia, NHANES 2001-2008](#)
Yang L, Liu Z, Peng Z, Song P, Zhou J, Wang L, Chen J, Dong Q.
Can Urol Assoc J. 2021 Aug 26. doi: 10.5489/cuaj.7351. Online ahead of print.
PMID: 34464256

8. [Imbalance in the estrogen/androgen ratio may affect prostate fibrosis through the TGF- \$\beta\$ /Smad signaling pathway](#)
Cao Y, Tian Y, Zhang H, Luo GH, Sun ZL, Xia SJ.
Int Urol Nephrol. 2022 Mar;54(3):499-508. doi: 10.1007/s11255-021-03079-z. Epub 2022 Jan 20. PMID: 35050457.
9. [Impact of diabetes mellitus on urinary continence after holmium laser enucleation of the prostate due to lower urinary tract symptoms: a retrospective study](#)
Acikgoz O, Yilmaz M, Aybal HC, Yilmaz S, Gazel E, Yalcin S, Duvarci M, Kaya E, Miernik A, Tunc L.
Cent European J Urol. 2021;74(4):535-540. doi: 10.5173/cej.2021.0204. Epub 2021 Oct 22. PMID: 35083073; PMCID: PMC8771128.
10. [Immediate Transurethral Plasma Kinetic Enucleation of the Prostate Gland for Treatment of Benign Prostatic Hyperplasia-Associated Massive Hemorrhage: A Single-Center Experience](#)
Gan Y, Deng L, He Q, Li C, He L, Long Z.
Front Surg. 2022 Jan 12;8:810175. doi: 10.3389/fsurg.2021.810175. PMID: 35096959; PMCID: PMC8789745. Free PMC Article.
11. [Medium-term Clinical Efficacy and Complications of Plasmakinetic Enucleation of the Prostate Versus Transurethral Resection of the Prostate for Benign Prostatic Hyperplasia](#)
Yang BB, Shen BX, Liu WZ, Cheng Y, Shao YP, Qian JH.
Urology. 2022 Jan 18:S0090-4295(22)00027-9. doi: 10.1016/j.urology.2022.01.013. Epub ahead of print. PMID: 35063464.
12. [Men suffering from category III chronic prostatitis may benefit from N-acetylcysteine as an adjunct to alpha-blockers](#)
Yaryari AM, Mousavibahar SH, Amirhassani S, Bagheri M, Mohammadi Y, Mehrpooya M.
Low Urin Tract Symptoms. 2022 Jan 23. doi: 10.1111/luts.12425. Epub ahead of print. PMID: 35068061.
13. [Multi-Omics Analysis Reveals Changes in the Intestinal Microbiome, Transcriptome, and Methyome in a Rat Model of Chronic Non-bacterial Prostatitis: Indications for the Existence of the Gut-Prostate Axis](#)
Liu J, Wang Y, Zhang G, Liu L, Peng X.
ont Physiol. 2022 Jan 11;12:753034. doi: 10.3389/fphys.2021.753034. PMID: 35087414; PMCID: PMC8787367. Free PMC Article.
14. [Network Pharmacology and Molecular Docking Verify the Mechanism of Qinshi Simiao San in Treating Chronic Prostatitis in the Rat Model](#)
Li C, Xu L, Lin X, Li Q, Liu S, Fan L, Fu W, Liu F, Yuan Z, Qin G.
vid Based Complement Alternat Med. 2022 Jan 12;2022:7098121. doi: 10.1155/2022/7098121. PMID: 35069766; PMCID: PMC8769824. Free PMC Article.
15. [Prostate luminal progenitor cells: from mouse to human, from health to disease](#)
Baures M, Dariane C, Tika E, Puig Lombardi E, Barry Delongchamps N, Blanpain C, Guidotti JE, Goffin V.
Nat Rev Urol. 2022 Jan 25. doi: 10.1038/s41585-021-00561-2. Epub ahead of print. PMID: 35079142.
16. [Relationship of interleukin-23 with matrix metalloproteinase-9, pentraxin-3, sleep quality and prostate size in benign prostatic hyperplasia](#)

Navaneethakannan M, Nandeesha H, Sreenivasan SK.

Andrologia. 2022 Jan 29:e14387. doi: 10.1111/and.14387. Epub ahead of print.

PMID: 35092070.

17. [A retrospective review of canine benign prostatic hyperplasia with and without prostatitis](#)

Ruetten H, Wehber M, Murphy M, Cole C, Sandhu S, Oakes S, Bjorling D, Waller K 3rd, Viviano K, Vezina C.

Clin Theriogenology. 2021 Dec;13(4):360-366.

PMID: 35070484; PMCID: PMC8782267. Free PMC Article.

18. [Robot surgery for midline cysts of the prostate with hypospadias in the pediatric population](#)

Qin D, Mao Y, Wang X, Yang B, Tang Y.

Urology. 2022 Jan 21:S0090-4295(22)00068-1. doi: 10.1016/j.urology.2022.01.018. Epub ahead of print.

PMID: 35065986.