

NEW BENIGN PROSTATE RESEARCH UPDATES

..... August 2021

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, lower urinary tract disorders OR lower urinary tract symptoms OR LUTS

1. [The Impact of Race, Ethnicity and Insurance Status on Surgery Rates for Benign Prostatic Hyperplasia.](#)
Antoine SG, Carmichael H, Lloyd GL.
Urology. 2021 Jul 22:S0090-4295(21)00693-2. doi: 10.1016/j.urology.2021.05.092. Online ahead of print.
PMID: 34303762
2. [4-Methylumbelliferone treatment and hyaluronan inhibition as a therapeutic strategy for chronic prostatitis.](#)
Chen J, Meng J, Jin C, Mo F, Ding Y, Gao X, Zhang L, Zhang M, Liang C.
Prostate. 2021 Jul 28. doi: 10.1002/pros.24205. Online ahead of print.
PMID: 34320251
3. [Safety considerations with new antibacterial approaches for chronic bacterial prostatitis.](#)
Perletti G, Trinchieri A, Stamatiou K, Magri V.
Expert Opin Drug Saf. 2021 Jul 14. doi: 10.1080/14740338.2021.1956459. Online ahead of print.
PMID: 34260337
4. [Correlation between ultrasound bladder parameters with severity of symptoms and response to treatment in patients with benign prostatic hyperplasia under medical treatment.](#)
Mazaheri M, Tadayon F, Khanbabapour S, Omid A, Salehi H, Kazemi R.
Am J Clin Exp Urol. 2021 Jun 15;9(3):242-247. eCollection 2021.
PMID: 34327264 Free PMC article.
5. [Rezūm for retention-retrospective review of water vaporization therapy in the management of urinary retention in men with benign prostatic hyperplasia.](#)
Bassily D, Wong V, Phillips JL, Fraiman M, Bauer R, Dixon CM, Wong NC.
Prostate. 2021 Jul 20. doi: 10.1002/pros.24201. Online ahead of print.
PMID: 34287992
6. [BPH nomogram using IPSS, prostate volume, peak flow rate, PSA and median lobe protrusion for predicting the need for intervention: development and internal validation.](#)
Ganpule AP, Batra RS, Shete NB, Singh AG, Sabnis RB, Desai MR.
Am J Clin Exp Urol. 2021 Jun 15;9(3):202-210. eCollection 2021.
PMID: 34327259 Free PMC article.
7. [Effect of systemic atherosclerosis on overactive bladder symptoms in men with benign prostatic hyperplasia.](#)
Lee D, Koo KC, Yoo JW, Lee KS.
Low Urin Tract Symptoms. 2021 Jul 28. doi: 10.1111/luts.12406. Online ahead of print.
PMID: 34323012
8. [Urodynamic effects of prostatic urethral lift procedure for male voiding LUTS.](#)
Muller BG, Martens FMJ, Heesakkers JPFA, d'Ancona F.
J Endourol. 2021 Jul 27. doi: 10.1089/end.2021.0050. Online ahead of print.

PMID: 34314260

9. [Role of \$\alpha\$ - and \$\beta\$ -adrenergic signaling in phenotypic targeting: significance in benign and malignant urologic disease.](#)

Archer M, Dogra N, Dovey Z, Ganta T, Jang HS, Khusid JA, Lantz A, Mihalopoulos M, Stockert JA, Zahalka A, Björnebo L, Gaglani S, Noh MR, Kaplan SA, Mehrazin R, Badani KK, Wiklund P, Tsao K, Landon DJ, Mohamed N, Lucien F, Padanilam B, Gupta M, Tewari AK, Kyprianou N.

Cell Commun Signal. 2021 Jul 20;19(1):78. doi: 10.1186/s12964-021-00755-6.

PMID: 34284799 Free PMC article. Review.

10. [NELL2 modulates cell proliferation and apoptosis via ERK pathway in the development of benign prostatic hyperplasia.](#)

Liu J, Liu D, Zhang X, Li Y, Fu X, He W, Li M, Chen P, Zeng G, DiSanto ME, Wang X, Zhang X.

Clin Sci (Lond). 2021 Jul 16;135(13):1591-1608. doi: 10.1042/CS20210476.

PMID: 34195782