

NEW BENIGN PROSTATE RESEARCH UPDATES

..... September 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. [Diacerein ameliorates testosterone-induced benign prostatic hyperplasia in rats: Effect on oxidative stress, inflammation and apoptosis.](#)
El-Sherbiny M, El-Shafey M, El-Din El-Agawy MS, Mohamed AS, Eisa NH, Elsherbiny NM.
Int Immunopharmacol. 2021 Aug 24;100:108082. doi: 10.1016/j.intimp.2021.108082. Online ahead of print.
PMID: 34450401
2. [Clinical Efficacy of Multi-Focal Low-Intensity Extracorporeal Shockwave Therapy in the Treatment of Chronic Prostatitis/Chronic Pelvic Pain Syndrome: Prospective-Randomized, Double Blind, Placebo-Controlled Study.](#)
Kim KS, Choi YS, Bae WJ, Cho HJ, Ha US, Hong SH, Lee JY, Han CH, Kim SW.
World J Mens Health. 2021 Jul 14. doi: 10.5534/wjmh.210078. Online ahead of print.
PMID: 34448376
3. [Extracorporeal Shockwave Therapy \(ESWT\) Alleviates Pain, Enhances Erectile Function and Improves Quality of Life in Patients with Chronic Prostatitis/Chronic Pelvic Pain Syndrome.](#)
Wu WL, Bamodu OA, Wang YH, Hu SW, Tzou KY, Yeh CT, Wu CC.
J Clin Med. 2021 Aug 16;10(16):3602. doi: 10.3390/jcm10163602.
PMID: 34441902 Free PMC article.
4. [Spectrum of Causative Pathogens and Resistance Rates to Antibacterial Agents in Bacterial Prostatitis.](#)
Trinchieri A, Abdelrahman KM, Bhatti KH, Bello JO, Das K, Gatsev O, Gergova I, Magri V, Mourmouras N, Mourmouris P, Murdeshwar S, Perletti G, Saltirov I, Sissoko I, Stamatidou K, Buchholz N.
Diagnostics (Basel). 2021 Jul 25;11(8):1333. doi: 10.3390/diagnostics11081333.
PMID: 34441267 Free PMC article.
5. [Poria cocos polysaccharides attenuate chronic nonbacterial prostatitis by targeting the gut microbiota: Comparative study of Poria cocos polysaccharides and finasteride in treating chronic prostatitis.](#)
Liu J, Liu L, Zhang G, Peng X.
Int J Biol Macromol. 2021 Aug 21;189:346-355. doi: 10.1016/j.ijbiomac.2021.08.139. Online ahead of print.
PMID: 34428489
6. [Mast cell function in prostate inflammation, fibrosis, and smooth muscle cell dysfunction.](#)
Pattabiraman G, Bell-Cohn AJ, Murphy SF, Mazur DJ, Schaeffer AJ, Thumbikat P.
Am J Physiol Renal Physiol. 2021 Aug 23. doi: 10.1152/ajprenal.00116.2021. Online ahead of print.
PMID: 34423679
7. [Simple prostatectomy using the open and robotic approaches for lower urinary tract symptoms: A retrospective, case-control series.](#)

Golomb D, Berto FG, Bjazevic J, Gomez JA, Chin JLK, Luke PP, Pautler SE.
Can Urol Assoc J. 2021 Aug 26. doi: 10.5489/cuaj.7351. Online ahead of print.
PMID: 34464256

8. [Joint effect between bisphenol A and alcohol consumption on benign prostatic hyperplasia: A case-control study in Hong Kong Chinese males.](#)

Liao G, Lee PMY, Zhao S, Ho WM, Lam AT, Lee MK, Poon PKM, Ng SSM, Li W, He Y, Wang F, Wong SYS, Ng CF, Tse LA.
Prostate. 2021 Aug 31. doi: 10.1002/pros.24217. Online ahead of print.
PMID: 34464465

9. [Melatonin attenuates prostatic inflammation and pelvic pain via Sirt1-dependent inhibition of the NLRP3 inflammasome in an EAP mouse model.](#)

Chen J, Zhang LG, Du HX, Zhan CS, Liu Y, Zhang M, Chen XG, Wen LP, Zhang L, Liang CZ.
Prostate. 2021 Aug 21. doi: 10.1002/pros.24214. Online ahead of print.
PMID: 34418127

10. [SIRT3 affects mitochondrial metabolic reprogramming via the AMPK-PGC-1 \$\alpha\$ axis in the development of benign prostatic hyperplasia.](#)

Li Y, Wang Q, Li J, Shi B, Liu Y, Wang P.
Prostate. 2021 Aug 19. doi: 10.1002/pros.24208. Online ahead of print.
PMID: 34411320

11. [The role of benign prostatic hyperplasia treatments in ejaculatory dysfunction.](#)

Bearely P, Avellino GJ.
Fertil Steril. 2021 Sep;116(3):611-617. doi: 10.1016/j.fertnstert.2021.07.1199.
PMID: 34462095 Review.