

NEW BLADDER RESEARCH UPDATES

..... August 2021

Search terms: bladder, urothelium, lower urinary tract disorders OR lower urinary tract symptoms OR LUTS

1. [Identification of key genes in human urothelial cells corresponding to interstitial cystitis/bladder pain syndrome in a lipopolysaccharide-induced cystitis model.](#)
Peng L, Li BY, Wang W, Gao XS, Zeng X, Luo DY.
Neurourol Urodyn. 2021 Jul 10. doi: 10.1002/nau.24743. Online ahead of print.
PMID: 34245600
2. [Safety, tolerability, and efficacy of LiRIS 400 mg in women with interstitial cystitis/bladder pain syndrome with or without Hunner lesions.](#)
Evans R, Kohan A, Moldwin R, Radecki D, Geib T, Peters KM.
Neurourol Urodyn. 2021 Jul 20. doi: 10.1002/nau.24702. Online ahead of print.
PMID: 34288094
3. [Clinical Presentation of Urologic Chronic Pelvic Pain Syndrome \(UCPPS\) Varies with Presenting Age - Implication on Patient Evaluation.](#)
Gross J, Vetter J, Lai HH.
Urology. 2021 Jul 21:S0090-4295(21)00680-4. doi: 10.1016/j.urology.2021.07.007. Online ahead of print.
PMID: 34302833
4. [Pitfalls in Diagnosing Urinary Tract Infection in Children Below the Age of 2. Suprapubic Aspiration Vs. Clean Catch Urine Sampling.](#)
Breinbjerg A, Mohamed L, Yde Nielsen S, Rittig S, Tullus K, Kamperis K.
J Urol. 2021 Jul 21:101097JU00000000000002117. doi: 10.1097/JU.0000000000002117. Online ahead of print.
PMID: 34288716
5. [Purinergic signalling in the urinary bladder - When function becomes dysfunction.](#)
Fry CH, McCloskey KD.
Auton Neurosci. 2021 Jul 17;235:102852. doi: 10.1016/j.autneu.2021.102852. Online ahead of print.
PMID: 34329833
6. [Transvaginal radiofrequency energy for the treatment of urinary stress incontinence: A comparison of monopolar and bipolar technologies in both pre- and post-menopausal patients.](#)
Abdelaziz A, Dell J, Karram M.
Neurourol Urodyn. 2021 Jul 20. doi: 10.1002/nau.24748. Online ahead of print.
PMID: 34288106
7. [Electrochemically activated solution as bladder irrigation-An individual curative trial in patients with neurogenic lower urinary tract dysfunction and recurrent urinary infections.](#)
Weyler M, Jaekel A, Kirschner-Hermanns R, Kowollik M, Zeller F, Knuepfer S.
Neurourol Urodyn. 2021 Jul 14. doi: 10.1002/nau.24745. Online ahead of print.
PMID: 34260099
8. [Association between the Trp64Arg polymorphism of the ADRB3 gene and overactive bladder.](#)
Çirakoğlu A, Fejzullahu A, Benli E, Yuce A, Ayyıldız A, Aynacıoğlu AŞ.

- Neurourol Urodyn. 2021 Jul 14. doi: 10.1002/nau.24742. Online ahead of print.
PMID: 34260097
9. [The regulatory role of the BDNF/TrkB pathway in organ and tissue fibrosis.](#)
Hang PZ, Ge FQ, Li PF, Liu J, Zhu H, Zhao J.
Histol Histopathol. 2021 Jul 30:18368. doi: 10.14670/HH-18-368. Online ahead of print.
PMID: 34327702 Review.
 10. [Long-term Follow Up of Ileal Ureteral Replacement for Complex Ureteral Strictures: Single Institution Study.](#)
Lauer BM, Redger KD, Koslov DS, Sax-Bolder AN, Higuchi TT, Windsperger AP, Flynn BJ.
Urology. 2021 Jul 23:S0090-4295(21)00695-6. doi: 10.1016/j.urology.2021.07.012. Online ahead of print.
PMID: 34310914
 11. [Anesthetic Bladder Capacity is a Clinical Biomarker for Interstitial Cystitis/Bladder Pain Syndrome Subtypes.](#)
Plair A, Evans RJ, Langefeld CD, Matthews CA, Badlani G, Walker SJ.
Urology. 2021 Jul 22:S0090-4295(21)00682-8. doi: 10.1016/j.urology.2021.07.009. Online ahead of print.
PMID: 34303757
 12. [Effectiveness of standard urotherapy \(basic bladder advice\) and combination therapies in managing bladder dysfunction in children with treated behavioral disorders: Results of a prospective cohort \(DABBED\) study.](#)
Eliezer DD, Samnakay N, Starkey MR, Deshpande AV.
Low Urin Tract Symptoms. 2021 Jul 27. doi: 10.1111/luts.12400. Online ahead of print.
PMID: 34313379
 13. [The nitric oxide-cyclic guanosine monophosphate pathway inhibits the bladder ATP release in response to a physiological or pathological stimulus.](#)
Okuyama E, Kawatani M, Hashimoto J, Tanimoto K, Hashimoto M, Matsumoto-Miyai K.
Physiol Rep. 2021 Jul;9(14):e14938. doi: 10.14814/phy2.14938.
PMID: 34288526 Free PMC article.