

Ashu Mohammad

Basic Life Resear Scientist, Urology - Divisions

Bio

PROJECTS

- Role of Oxidative stress/ROS in IC/BPS - Stanford University
- Circadian dysregulation and Nocturia

Publications

PUBLICATIONS

- **PROCEDURAL PAIN DISCOMFORT IN PATIENTS UNDERGOING INTERVENTIONS IN A UROLOGY CLINIC**
Herbert, A. S., Zwaschka, T. A., Mohammad, A., Dobberfuhr, A. D.
WILEY.2025: S191-S192
- **Mechanisms of oxidative stress in interstitial cystitis/bladder pain syndrome.** *Nature reviews. Urology*
Mohammad, A., Laboulaye, M. A., Shenhar, C., Dobberfuhr, A. D.
2024
- **The Potential Role of Persister Cells in Urinary Tract Infections.** *Current urology reports*
Durrani, B., Mohammad, A., Ljubetic, B. M., Dobberfuhr, A. D.
2023
- **Pathophysiologic Insights into the Transition from Asymptomatic Bacteriuria to Urinary Tract Infection.** *Current urology reports*
Ljubetic, B. M., Mohammad, A., Durrani, B., Dobberfuhr, A. D.
2023
- **Our 11 year experience with percutaneous tibial nerve stimulation (PTNS) in men and women for the treatment of interstitial cystitis / bladder pain syndrome (IC/BPS).** *Urology*
Abdalla, A. S., Berquist, S. W., Mohammad, A., Dobberfuhr, A. D.
2023
- **PERIPHERAL CIRCADIAN RHYTHMS OF THE BLADDER IN PATIENTS WITH NOCTURIA**
Mohammad, A., Han, S., Berquist, S. W., Beachy, P. A., Dobberfuhr, A. D.
WILEY.2023: S11-S13
- **Neuroprotective Effects of Fluoxetine on Molecular Markers of Circadian Rhythm, Cognitive Deficits, Oxidative Damage, and Biomarkers of Alzheimer's Disease-Like Pathology Induced under Chronic Constant Light Regime in Wistar Rats** *ACS CHEMICAL NEUROSCIENCE*
Sharma, A., Mohammad, A., Saini, A. K., Goyal, R.
2021; 12 (12): 2233-2246
- **A curious case of cysteines in human peroxiredoxin I.** *Redox biology*
Mohammad, A., Saini, R. V., Kumar, R., Sharma, D., Saini, N. K., Gupta, A., Thakur, P., Winterbourn, C. C., Saini, A. K.
2020; 37: 101738
- **Deciphering the in vivo redox behavior of human peroxiredoxins I and II by expressing in budding yeast.** *Free radical biology & medicine*
Kumar, R., Mohammad, A., Saini, R. V., Chahal, A., Wong, C. M., Sharma, D., Kaur, S., Kumar, V., Winterbourn, C. C., Saini, A. K.
2019; 145: 321-329

- **Biological markers for the effects of yoga as a complementary and alternative medicine.** *Journal of complementary & integrative medicine*
Mohammad, A., Thakur, P., Kumar, R., Kaur, S., Saini, R. V., Saini, A. K.
2019; 16 (1)