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- MD Student, expected graduation Spring 2025
- Ph.D. Student in Cancer Biology, admitted Autumn 2020
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Publications

PUBLICATIONS

- **ULTRASENSITIVE URINARY LIQUID BIOPSY ANALYSIS FOR BCG RESPONSE ASSESSMENT IN HIGH-RISK NON-MUSCLE INVASIVE BLADDER CANCER**
Shi, W. Y., Liu, K. J., Esfahani, M. S., Schroers-Martin, J. G., Nesselbush, M., Chen, S. B., Alig, S. K., Mullane, P., Mach, K. E., Trabanino, L., Lee, T. J., Yoo, I., Vinh La, et al
LIPPINCOTT WILLIAMS & WILKINS.2024: E1169
- **A phase II randomized trial of Observation versus stereotactic ablative Radiation for OLigometastatic prostate CancEr (ORIOLE)**
Tran, P. T., Phillips, R., Shi, W., Lim, S., Antonarakis, E. S., Rowe, S. P., Ross, A., Gorin, M. A., Deville, C., Greco, S. C., Paller, C., DeWeese, T. L., Song, et al
AMER SOC CLINICAL ONCOLOGY.2020
- **Outcomes of Observation vs Stereotactic Ablative Radiation for Oligometastatic Prostate Cancer: The ORIOLE Phase 2 Randomized Clinical Trial. *JAMA oncology***
Phillips, R. n., Shi, W. Y., Deek, M. n., Radwan, N. n., Lim, S. J., Antonarakis, E. S., Rowe, S. P., Ross, A. E., Gorin, M. A., Deville, C. n., Greco, S. C., Wang, H. n., Denmeade, et al
2020
- **Primary Outcomes of a Phase II Randomized Trial of Observation Versus Stereotactic Ablative Radiation for OLigometastatic Prostate CancEr (ORIOLE)**
Phillips, R., Lim, S. J., Shi, W. Y., Antonarakis, E. S., Rowe, S., Gorin, M., Deville, C., Greco, S. C., Denmeade, S., Paller, C., DeWeese, T. L., Song, D., Wang, et al
ELSEVIER SCIENCE INC.2019: 681
- **Detection and Surveillance of Bladder Cancer Using Urine Tumor DNA *CANCER DISCOVERY***
Dudley, J. C., Schroers-Martin, J., Lazzareschi, D., Shi, W., Chen, S. B., Esfahani, M. S., Trivedi, D., Chabon, J. J., Chaudhuri, A. A., Stehr, H., Liu, C., Lim, H., Costa, et al
2019; 9 (4): 500–509
- **Analysis of Urinary Cell-free DNA for Early Detection and Surveillance of Bladder Cancer**
Dudley, J., Schroers-Martin, J., Lazzareschi, D., Shi, W., Chen, S., Liao, J., Alizadeh, A., Diehn, M.
ELSEVIER SCIENCE INC.2018: 968
- **Identifying Medical Diagnoses and Treatable Diseases by Image-Based Deep Learning. *Cell***
Kermary, D. S., Goldbaum, M. n., Cai, W. n., Valentim, C. C., Liang, H. n., Baxter, S. L., McKeown, A. n., Yang, G. n., Wu, X. n., Yan, F. n., Dong, J. n., Prasadha, M. K., Pei, et al
2018; 172 (5): 1122–31.e9
- **Detection and surveillance of bladder cancer using urine tumor DNA. *Cancer discovery***
Dudley, J. C., Schroers-Martin, J. n., Lazzareschi, D. V., Shi, W. Y., Chen, S. B., Esfahani, M. S., Trivedi, D. n., Chabon, J. J., Chaudhuri, A. A., Stehr, H. n., Liu, C. L., Lim, H. n., Costa, et al
2018

- **Circulating tumour DNA methylation markers for diagnosis and prognosis of hepatocellular carcinoma.** *Nature materials*
Xu, R. H., Wei, W., Krawczyk, M., Wang, W., Luo, H., Flagg, K., Yi, S., Shi, W., Quan, Q., Li, K., Zheng, L., Zhang, H., Caughey, et al
2017; 16 (11): 1155-1161
- **Optimization of urinary dipstick pH: Are multiple dipstick pH readings reliably comparable to commercial 24-hour urinary pH?** *Investigative and clinical urology*
Abbott, J. E., Miller, D. L., Shi, W., Wenzler, D., Elkhoury, F. F., Patel, N. D., Sur, R. L.
2017; 58 (5): 378-382
- **DNA methylation markers for diagnosis and prognosis of common cancers.** *Proceedings of the National Academy of Sciences of the United States of America*
Hao, X., Luo, H., Krawczyk, M., Wei, W., Wang, W., Wang, J., Flagg, K., Hou, J., Zhang, H., Yi, S., Jafari, M., Lin, D., Chung, et al
2017; 114 (28): 7414-7419
- **Copy number variations with isolated fetal ventriculomegaly.** *Current molecular medicine*
Hu, P., Wang, Y., Sun, R., Cao, L., Chen, X., Liu, C., Luo, C., Ma, D., Wang, W., Fu, X., Shi, W., Yi, S., Zhang, et al
2017
- **Predictors of radiation exposure to providers during percutaneous nephrolithotomy.** *Urology annals*
Wenzler, D. L., Abbott, J. E., Su, J. J., Shi, W., Slater, R., Miller, D., Siemens, M. J., Sur, R. L.
2017; 9 (1): 55-60
- **Joint Antiangiogenic Effect of ATN-161 and Anti-VEGF Antibody in a Rat Model of Early Wet Age-Related Macular Degeneration** *MOLECULAR PHARMACEUTICS*
Wang, W., Wang, F., Qin, W., Liu, H., Lu, B., Chung, C., Zhu, J., Gu, Q., Shi, W., Wen, C., Wu, F., Zhang, K., Sun, et al
2016; 13 (9): 2881-2890
- **Lens regeneration using endogenous stem cells with gain of visual function** *NATURE*
Lin, H., Ouyang, H., Zhu, J., Huang, S., Liu, Z., Chen, S., Cao, G., Li, G., Signer, R. A., Xu, Y., Chung, C., Zhang, Y., Lin, et al
2016; 531 (7594): 323-?
- **Genetic and environmental factors strongly influence risk, severity and progression of age-related macular degeneration** *Signal Transduction and Targeted Therapy*
Wang, W., Gawlik, K., Lopez, J., Wen, C., Zhu, J., Wu, F., Shi, W., Scheibler, S., Cai, H., Vairavan, R., Shi, A., Haw, W., Ferreyra, et al
2016; 1
- **Nanoparticle biointerfacing by platelet membrane cloaking** *NATURE*
Hu, C. J., Fang, R. H., Wang, K., Luk, B. T., Thamphiwatana, S., Dehaini, D., Phu Nguyen, P., Angsantikul, P., Wen, C. H., Kroll, A. V., Carpenter, C., Ramesh, M., Qu, et al
2015; 526 (7571): 118-?
- **P16INK4a Upregulation Mediated by SIX6 Defines Retinal Ganglion Cell Pathogenesis in Glaucoma** *MOLECULAR CELL*
Skowronska-Krawczyk, D., Zhao, L., Zhu, J., Weinreb, R. N., Cao, G., Luo, J., Flagg, K., Patel, S., Wen, C., Krupa, M., Luo, H., Ouyang, H., Lin, et al
2015; 59 (6): 931-940
- **An evaluation of Tamm-Horsfall protein glycans in kidney stone formers using novel techniques** *UROLITHIASIS*
Argade, S., Chen, T., Shaw, T., Berecz, Z., Shi, W., Choudhury, B., Parsons, C. L., Sur, R. L.
2015; 43 (4): 303-312
- **Multidrug Resistant Bacteriuria Before Percutaneous Nephrolithotomy Predicts for Postoperative Infectious Complications** *JOURNAL OF ENDOUROLOGY*
Patel, N., Shi, W., Liss, M., Raheem, O., Wenzler, D., Schallhorn, C., Kiyama, L., Lakin, C., Ritter, M., Sur, R. L.
2015; 29 (5): 531-536