



## Jonathan Strope

Casual - Non-Exempt, Physician Assistant Studies

 Curriculum Vitae available Online

### Professional

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#### WORK EXPERIENCE

- CRTA - National Cancer Institute/NIH
- Research Technician - Leidos Biomedical/ National Cancer Institute

#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Committee Member, AAPA Student Leadership Committee (2021 - 2022)
- Health Policy Fellow, PAEA (2022 - present)
- Student Delegate, AAPA House of Delegates (2021 - present)

### Publications

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#### PUBLICATIONS

- **Abiraterone induces SLCO1B3 expression in prostate cancer via microRNA-579-3p.** *Scientific reports*  
Barbier, R. H., McCrea, E. M., Lee, K. Y., Strope, J. D., Risdon, E. N., Price, D. K., Chau, C. H., Figg, W. D.  
2021; 11 (1): 10765
- **Pilot study of gadoxetate disodium-enhanced mri for localized and metastatic prostate cancers.** *Scientific reports*  
Lochrin, S. E., Turkbey, B., Gasmi, B., Schmidt, K., Strope, J. D., Chau, C. H., Sissung, T. M., Price, D. K., Cordes, L., Markolovic, S., Wood, B. J., Pinto, P. A., McKinney, et al  
2021; 11 (1): 5662
- **Anti-tumor activity of NLG207 (formerly CRLX101) in combination with enzalutamide in preclinical prostate cancer models.** *Molecular cancer therapeutics*  
Schmidt, K. T., Chau, C. H., Strope, J. D., Huitema, A. D., Sissung, T. M., Price, D. K., Figg, W. D.  
2021
- **On the correlation of cereblon binding, fluorination and antiangiogenic properties of immunomodulatory drugs.** *Biochemical and biophysical research communications*  
Heim, C., Maiwald, S., Steinebach, C., Collins, M. K., Strope, J., Chau, C. H., Figg, W. D., Gütschow, M., Hartmann, M. D.  
2021; 534: 67-72
- **Botryllamide G is an ABCG2 inhibitor that improves lapatinib delivery in mouse brain.** *Cancer biology & therapy*  
Strope, J. D., Peer, C. J., Sissung, T. M., Hall, O. M., Huang, P. A., Harris, E. M., Gustafson, K. R., Henrich, C. J., Sigano, D. M., Pauly, G. T., Schneider, J. P., Bates, S. E., Figg, et al  
2020; 21 (3): 223-230
- **Drug-drug Interactions in Patients with HIV and Cancer in Sub-Saharan Africa.** *AIDS reviews*  
Strope, J. D., Lochrin, S. E., Sissung, T. M., Kem, R., Chandrasekaran, P., Sharon, E., Price, D. K., Uldrick, T. S., Yarchoan, R., Figg, W. D.  
2020; 23 (3)

- **Bridgehead Modifications of Englerin A Reduce TRPC4 Activity and Intravenous Toxicity but not Cell Growth Inhibition.** *ACS medicinal chemistry letters*  
Wu, Z., Suppo, J. S., Tumova, S., Strope, J., Bravo, F., Moy, M., Weinstein, E. S., Peer, C. J., Figg, W. D., Chain, W. J., Echavarren, A. M., Beech, D. J., Beutler, et al  
2020; 11 (9): 1711-1716
- **COVID-19 Clinical Diagnostics and Testing Technology.** *Pharmacotherapy*  
Chau, C. H., Strope, J. D., Figg, W. D.  
2020; 40 (8): 857-868
- **Role of cereblon in angiogenesis and in mediating the antiangiogenic activity of immunomodulatory drugs.** *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*  
Beedie, S. L., Huang, P. A., Harris, E. M., Strope, J. D., Mahony, C., Chau, C. H., Vargesson, N., Figg, W. D.  
2020
- **TMPRSS2: Potential Biomarker for COVID-19 Outcomes.** *Journal of clinical pharmacology*  
Strope, J. D., PharmD, C. H., Figg, W. D.  
2020; 60 (7): 801-807
- **Are sex discordant outcomes in COVID-19 related to sex hormones?** *Seminars in oncology*  
Strope, J. D., Chau, C. H., Figg, W. D.  
2020
- **Association between immunosuppressive cytokines and PSA progression in biochemically recurrent prostate cancer treated with intermittent hormonal therapy.** *The Prostate*  
Hawley, J. E., Pan, S., Figg, W. D., Lopez-Bujanda, Z. A., Strope, J. D., Aggen, D. H., Dallos, M. C., Lim, E. A., Stein, M. N., Hu, J., Drake, C. G.  
2020; 80 (4): 336-344
- **Severe Hepatotoxicity of Mithramycin Therapy Caused by Altered Expression of Hepatocellular Bile Transporters.** *Molecular pharmacology*  
Sissung, T. M., Huang, P. A., Hauke, R. J., McCrea, E. M., Peer, C. J., Barbier, R. H., Strope, J. D., Ley, A. M., Zhang, M., Hong, J. A., Venzon, D., Jackson, J. P., Brouwer, et al  
2019; 96 (2): 158-167
- **How do you take your coffee?** *The Lancet. Oncology*  
Sissung, T. M., Huang, P. A., Strope, J. D., Figg, W. D.  
2019; 20 (7): 913-914
- **Synthesis, Structural Characterization, and Antiangiogenic Activity of Polyfluorinated Benzamides.** *ChemMedChem*  
Steinebach, C., Ambrožak, A., Dosa, S., Beedie, S. L., Strope, J. D., Schnakenburg, G., Figg, W. D., Gütschow, M.  
2018; 13 (19): 2080-2089
- **Preclinical Evaluation of Discorhabdins in Antiangiogenic and Antitumor Models.** *Marine drugs*  
Harris, E. M., Strope, J. D., Beedie, S. L., Huang, P. A., Goey, A. K., Cook, K. M., Schofield, C. J., Chau, C. H., Cadelis, M. M., Copp, B. R., Gustafson, K. R., Figg, W. D.  
2018; 16 (7)
- **Differential Expression of OATP1B3 Mediates Unconjugated Testosterone Influx.** *Molecular cancer research : MCR*  
Sissung, T. M., Ley, A. M., Strope, J. D., McCrea, E. M., Beedie, S., Peer, C. J., Shukla, S., van Velkinburgh, J., Reece, K., Troutman, S., Campbell, T., Fernandez, E., Huang, et al  
2017; 15 (8): 1096-1105
- **Alcohol and Aldehyde Dehydrogenases Contribute to Sex-Related Differences in Clearance of Zolpidem in Rats.** *Frontiers in pharmacology*  
Peer, C. J., Strope, J. D., Beedie, S., Ley, A. M., Holly, A., Calis, K., Farkas, R., Parepally, J., Men, A., Fadiran, E. O., Scott, P., Jenkins, M., Theodore, et al  
2016; 7: 260
- **Building a hit list for the fight against metastatic castration resistant prostate cancer.** *Cancer biology & therapy*  
Strope, J. D., Price, D. K., Figg, W. D.  
2016; 17 (3): 231-2
- **Pharmacogenetics of membrane transporters: a review of current approaches.** *Methods in molecular biology (Clifton, N.J.)*

Sissung, T. M., Goey, A. K., Ley, A. M., Strobe, J. D., Figg, W. D.  
2014; 1175: 91-120

- **Expansion of neurofilament medium C terminus increases axonal diameter independent of increases in conduction velocity or myelin thickness.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*

Barry, D. M., Stevenson, W., Bober, B. G., Wiese, P. J., Dale, J. M., Barry, G. S., Byers, N. S., Strobe, J. D., Chang, R., Schulz, D. J., Shah, S., Calcutt, N. A., Gebremichael, et al

2012; 32 (18): 6209-19