

## Bibliography

**Audam, T. N., Howard, C. M.,** Garrett, L. F., Zheng, Y. W., Bradley, J. A., Brittan, K. R., Frank, M. W., **Fulghum, K. L.,** Polos, M., Herczeg, S., Merkely, B., Radovits, T., Uchida, S., Hill, B. G., Dassanayaka, S., Jackowski, S., & Jones, S. P. (2021). Cardiac PANK1 deletion exacerbates ventricular dysfunction during pressure overload. *Am J Physiol Heart Circ Physiol*, 321(4), H784-H797.

<https://doi.org/10.1152/ajpheart.00411.2021>

**Bhutiani, N.,** & Ajkay, N. (2021). ASO Author Reflections: The Broad Impact of the Margin Consensus Guidelines for Breast-Conserving Surgery in DCIS. *Ann Surg Oncol*, 28(12), 7439-7440.

<https://doi.org/10.1245/s10434-021-10170-3>

**Bhutiani, N.,** Bruenderman, E., Davidyuk, V., Mortensen, G. F., **O'Brien, S.,** Martin, R. C. G., & Vitale, G. C. (2021). Is More Anesthesia Care Better in Endoscopy? Comparing the Safety and Cost of Conscious Sedation and Anesthesia Provider-Based Care. *J Gastrointest Surg*. <https://doi.org/10.1007/s11605-021-05120-z>

**Bhutiani, N.,** Holland, M. M., Mercer, M. K., Donaldson, M., Berry, T. S., McMasters, K. M., & Ajkay, N. (2021). ASO Visual Abstract: Effect of the Ductal Carcinoma In Situ Margin Consensus Guideline Implementation on Reexcision Rates, Satisfaction, and Cost. *Ann Surg Oncol*.

<https://doi.org/10.1245/s10434-021-10151-6>

**Bhutiani, N.,** Holland, M. M., Mercer, M. K., Donaldson, M., Berry, T. S., McMasters, K. M., & Ajkay, N. (2021). Effect of the Ductal Carcinoma In Situ Margin Consensus Guideline Implementation on Re-Excision Rates, Satisfaction, and Cost. *Ann Surg Oncol*, 28(12), 7432-7438.

<https://doi.org/10.1245/s10434-021-10120-z>

**Biyik-Sit, R.,** Kruer, T., Dougherty, S., Bradley, J. A., Wilkey, D. W., Merchant, M. L., Trent, J. O., & Clem, B. F. (2021). Nuclear Pyruvate Kinase M2 (PKM2) Contributes to Phosphoserine Aminotransferase 1 (PSAT1)-Mediated Cell Migration in EGFR-Activated Lung Cancer Cells. *Cancers (Basel)*, 13(16).

<https://doi.org/10.3390/cancers13163938>

Bodily, N. E., Bruenderman, E. H., **Bhutiani, N.,** The, S., Schucht, J. E., & Bozeman, M. C. (2021). The Effect of Transfer on Outcomes in Burns. *J Burn Care Res*, 42(5), 841-846.

<https://doi.org/10.1093/jbcr/irab092>

Bruenderman, E. H., **Bhutiani, N.,** Martin, R. C. G., Fox, M. P., van Berkel, V. H., Block, S. B., & Kehdy, F. J. (2021). Intraoperative Esophagogastroduodenoscopy During Heller Myotomy: Evaluating Guidelines. *World J Surg*, 45(3), 808-814. <https://doi.org/10.1007/s00268-020-05870-y>

Dawson, T. H., **Bhutiani, N.,** Bennis, M. V., Miller, K. R., Bozeman, M. C., Kehdy, F. J., & Motameni, A. T. (2021). Comparing patterns of care and outcomes after operative management of complications after bariatric surgery at MBSAQIP accredited bariatric centers and non-bariatric facilities. *Surg Endosc*, 35(8), 4719-4724. <https://doi.org/10.1007/s00464-020-07942-5>

**Duderstadt, E. L.,** McQuaide, S. A., Sanders, M. A., & Samuelson, D. J. (2021). Chemical carcinogen-induced rat mammary carcinogenesis is a potential model of p21-activated kinase positive female breast cancer. *Physiol Genomics*, 53(2), 61-68. <https://doi.org/10.1152/physiolgenomics.00112.2020>

**Duderstadt, E. L., Sanders, M. A., & Samuelson, D. J. (2021).** A Method to Pre-Screen Rat Mammary Gland Whole-Mounts Prior To RNAscope. *J Mammary Gland Biol Neoplasia*, 26(2), 113-120. <https://doi.org/10.1007/s10911-021-09484-5>

**Dwenger, M., Kowalski, W. J., Masumoto, H., Nakane, T., & Keller, B. B. (2021).** Chronic Optogenetic Pacing of Human-Induced Pluripotent Stem Cell-Derived Engineered Cardiac Tissues. *Methods Mol Biol*, 2191, 151-169. [https://doi.org/10.1007/978-1-0716-0830-2\\_10](https://doi.org/10.1007/978-1-0716-0830-2_10)

**Fulghum, K. L., Audam, T. N., Lorkiewicz, P. K., Zheng, Y., Merchant, M., Cummins, T. D., Dean, W. L., Cassel, T. A., Fan, T. W. M., & Hill, B. G. (2021).** In vivo deep network tracing reveals phosphofructokinase-mediated coordination of biosynthetic pathway activity in the myocardium. *J Mol Cell Cardiol*, 162, 32-42. <https://doi.org/10.1016/j.yjmcc.2021.08.013>

Gomez-Gutierrez, J. G., **Bhutiani, N.**, McNally, M. W., Chuong, P., Yin, W., Jones, M. A., Zeiderman, M. R., Grizzle, W. E., & McNally, L. R. (2021). The neutral red assay can be used to evaluate cell viability during autophagy or in an acidic microenvironment in vitro. *Biotech Histochem*, 96(4), 302-310. <https://doi.org/10.1080/10520295.2020.1802065>

Khattar, N. K., McCallum, A. P., Fortuny, E. M., White, A. C., Ball, T. J., Adams, S. W., Meyer, K. S., **Wei, G.**, John, K. D., Bak, E., Sieg, E. P., Ding, D., & James, R. F. (2021). Minimally Invasive Endoscopy for Acute Subdural Hematomas: A Report of 3 Cases. *Oper Neurosurg (Hagerstown)*, 20(3), 310-316. <https://doi.org/10.1093/ons/opaa390>

**Kim, C.**, Chen, J., & Ceresa, B. P. (2021). Chronic arsenic increases cell migration in BEAS-2B cells by increasing cell speed, cell persistence, and cell protrusion length. *Exp Cell Res*, 408(1), 112852. <https://doi.org/10.1016/j.yexcr.2021.112852>

Kozel, B. A., Barak, B., **Kim, C. A.**, Mervis, C. B., Osborne, L. R., Porter, M., & Pober, B. R. (2021). Williams syndrome. *Nat Rev Dis Primers*, 7(1), 42. <https://doi.org/10.1038/s41572-021-00276-z>

**LaPointe, A. T.**, & Sokoloski, K. J. (2021). De-Coding the Contributions of the Viral RNAs to Alphaviral Pathogenesis. *Pathogens*, 10(6). <https://doi.org/10.3390/pathogens10060771>

**Morrissey, S. M., Geller, A. E.**, Hu, X., Tieri, D., Ding, C., Klaes, C. K., Cooke, E. A., Woeste, M. R., Martin, Z. C., Chen, O., Bush, S. E., Zhang, H. G., Cavallazzi, R., Clifford, S. P., Chen, J., Ghare, S., Barve, S. S., Cai, L., Kong, M., Rouchka, E. C., McLeish, K. R., Uriarte, S. M., Watson, C. T., Huang, J., & Yan, J. (2021). A specific low-density neutrophil population correlates with hypercoagulation and disease severity in hospitalized COVID-19 patients. *JCI Insight*, 6(9). <https://doi.org/10.1172/jci.insight.148435>

Mortensen, G. F., **Bhutiani, N.**, Brown, A. N., Davidyuk, V., Palin, H., Bahr, M. H., & Vitale, G. C. (2021). Long-term Follow-up of Patients Undergoing Endoscopic Intervention for Abdominal Pain with Minimal Biliary Ductal Dilation, Stone Disease, or Malignancy. *Am Surg*, 87(9), 1426-1430. <https://doi.org/10.1177/0003134820952823>

Narayanan, S., **Bhutiani, N.**, Adamson, D. T., & Jones, C. M. (2021). Pancreatectomy, Islet Cell Transplantation, and Nutrition Considerations. *Nutr Clin Pract*, 36(2), 385-397. <https://doi.org/10.1002/ncp.10578>

Nascimento, E. H. L., Fontenele, R. C., Lopes, P. A., Santaella, G. M., Vasconcelos, K. F., de Freitas, D. Q., Oenning, A. C., & Groppo, F. C. (2021). Development of a model of soft tissue simulation using ballistic gelatin for CBCT acquisitions related to dentomaxillofacial radiology research. *Dentomaxillofac Radiol*, 50(3), 20200191. <https://doi.org/10.1259/dmfr.20200191>

Ockene, J. K., Pbert, L., Crawford, S., Frisard, C. F., Pendharkar, J. A., Sadasivam, R. S., Faro, J., Okuliar, C., Eno, C., Margo, K., Shaw, M. A., Soleymani, T., Stadler, D. D., Warriar, S., White, K., & **Geller, A. C.** (2021). Teaching Medical Students to Help Patients Manage Their Weight: Outcomes of an Eight-School Randomized Controlled Trial. *J Gen Intern Med*, 36(10), 3000-3007. <https://doi.org/10.1007/s11606-020-06571-x>

Ohanyan, V., **Raph, S. M., Dwenger, M. M.**, Hu, X., Pucci, T., Mack, G., Moore, J. B. t., Chilian, W. M., Bhatnagar, A., & Nystoriak, M. A. (2021). Myocardial Blood Flow Control by Oxygen Sensing Vascular Kvbeta Proteins. *Circ Res*, 128(6), 738-751. <https://doi.org/10.1161/CIRCRESAHA.120.317715>

**Price, S. L.**, Vadyvaloo, V., DeMarco, J. K., Brady, A., Gray, P. A., KehI-Fie, T. E., Garneau-Tsodikova, S., Perry, R. D., & Lawrenz, M. B. (2021). Yersiniabactin contributes to overcoming zinc restriction during *Yersinia pestis* infection of mammalian and insect hosts. *Proc Natl Acad Sci U S A*, 118(44). <https://doi.org/10.1073/pnas.2104073118>

**Wei, G. Z.**, Saraswat Ohri, S., Khattar, N. K., Listerman, A. W., Doyle, C. H., Andres, K. R., Karuppagounder, S. S., Ratan, R. R., Whittemore, S. R., & Hetman, M. (2021). Hypoxia-inducible factor prolyl hydroxylase domain (PHD) inhibition after contusive spinal cord injury does not improve locomotor recovery. *PLoS One*, 16(4), e0249591. <https://doi.org/10.1371/journal.pone.0249591>

**Woeste, M. R., Bhutiani, N.**, Donaldson, M., McMasters, K. M., & Ajkay, N. (2021). Evaluating the effect of neoadjuvant chemotherapy on surgical outcomes after breast conserving surgery. *J Surg Oncol*, 123(2), 439-445. <https://doi.org/10.1002/jso.26301>

**Woeste, M. R., Geller, A. E.**, Martin, R. C. G., 2nd, & Polk, H. C., Jr. (2021). Optimizing the Combination of Immunotherapy and Trans-Arterial Locoregional Therapy for Stages B and C Hepatocellular Cancer. *Ann Surg Oncol*, 28(3), 1499-1510. <https://doi.org/10.1245/s10434-020-09414-5>

Ziogas, I. A., Evangelidou, A. P., Mylonas, K. S., Athanasiadis, D. I., Cherouveim, P., Geller, D. A., Schulick, R. D., Alexopoulos, S. P., & Tsoulfas, G. (2021). Economic analysis of open versus laparoscopic versus robotic hepatectomy: a systematic review and meta-analysis. *Eur J Health Econ*, 22(4), 585-604. <https://doi.org/10.1007/s10198-021-01277-1>