

**DEPARTMENT OF SURGERY
RESIDENT RESEARCH DAY
May 4, 2021**

- 1:00 Introduction**
- 1:05 Protein Phosphatase 2A Activation Decreases Tumorigenicity in Neuroblastoma Patient Derived Xenografts**
Authors: [Laura V Bownes](#), Raoud Marayati, Colin H Quinn, Andee M Beierle, Jerry E Stewart, Michael Ohlmeyer, Elizabeth A Beierle
- 1:13 Chemokine receptor CXCR4 mediates the PIM3-induced metastatic phenotype of hepatoblastoma cells**
Authors: [Raoud Marayati](#), Laura V Bownes, Colin H Quinn, Sara C Hutchins, Andee M Beierle, Hooper R Markert, Jerry E Stewart, Elizabeth A Beierle
- 1:21 Preclinical Evaluation of an Engineered Oncolytic Herpes Simplex Virus for Pediatric Osteosarcoma**
Authors: [Sara Hutchins](#), Raoud Marayati, Laura V Bownes, Colin H Quinn, Jerry E Stewart, Gregory K Friedman, Jennifer M Coleman, G Yancey Gillespie, James M Markert, Elizabeth A Beierle
- 1:29 ST6Gal-1 Mediated Resistance to Chemoradiation in Rectal Cancer**
Authors: [Mary Smithson](#), Regina Irwin, Gregory Williams, Chandler McLeod, Christopher D Willey, Susan Bellis, Karin M Hardiman
- 1:37 Initial Experience with Growth Hormone Receptor Knockout in Pig-to-Baboon Kidney Transplantation: Effect on Ureteric Viability and Kidney Growth**
Authors: Hayato Iwase, Abhijit Jagdale, Takayuki Yamamoto, Mohamed H. Bikhel, [Christophe Hansen-Estruch](#), Jeremy Foote, Hidetaka Hara, Douglas Anderson, Paige Porrett, Devin Eckhoff, David Ayares, Will Eyestone, Jayme Locke, David K C Cooper
- 1:45 Quantifying hidden sensitization: HLA-reactive memory B cells in the spleens of sensitized women**
Authors: [John T Killian](#), Julie A Houp, Anoma Nellore, Rodney G King, Paige M Porrett, Frances E Lund
- 1:53 Living Donor Kidney Transplantation Racial Disparities Persist Independent of Social Vulnerability**
Authors: [Cozette Killian](#), Chandler McLeod, Brittany Shelton, Rhiannon Reed, Paul MacLennan, Haiyan Qu; Babak Orandi, Vineeta Kumar; Deirdre Sawinski, Robert Cannon, Doug Anderson, Michael Hanaway, Jayme Locke
- 2:01 Universal Use of O+ Blood in Massive Transfusion: A Survey of the Population at Risk Using Social Media**
Authors: [Rindi M Uhlich](#), Hu P, Gelbard R, Reynolds L, Stephens SW, Fifolt M, Marques M, Yazer MH, Jansen JO, Kerby JD, Holcomb JB
- 2:09 Evaluation of Injury Recidivism Using the Electronic Medical Record**
Authors: [Peter J Abraham](#), Mackenzie N Abraham, Russell L Griffin, Lauren Tanner, Jan O Jansen

- 2:17 Does health literacy impact technological comfort in cancer patients?**
Authors: [Ahmer Irfan](#), Kavina Juneja, Peter Abraham, Shannon W Stephens, Russell L Griffin, William Ward, Robert Hallmark, Zaffer Qasim, Shannon L Carroll, Donald Reiff, John B Holcomb, Jan O Jansen
- 2:25 Break**
- 2:30 Development of Enhanced Recovery Pathway for Lower Extremity Amputation Patients**
Authors: [Margaret P Johnson](#), Sara D Brokus, Conley J Carr, Adam C Witcher, John C Axley, Joel M Feinstein, Roland T Short, Emily M Spangler, Danielle M Sutzko, Graeme E McFarland, Ben J Pearce, Marc A Passman, Mark A Patterson, Adam W Beck
- 2:38 Pancreatic Neuroendocrine Tumor Size as a Criterion for Malignant Potential Varies with Race**
Authors: [Rui Zheng-Pywell](#), Sushanth Reddy, Selwyn Vickers, Vikas Dudeja, Herbert Chen, J. Bart Rose
- 2:46 Inequity exists in telemedicine use during the COVID-19 pandemic for gastrointestinal surgery patients in the Deep South**
Authors: Connie Shao, Sushanth Reddy, Lauren Theiss, Isabel Marques, Karin Hardiman, Drew Gunnells, Robert Hollis, Jamie Cannon, Melanie Morris, Daniel Chu
- 2:54 The Impact of Health Literacy on Postoperative Outcomes after Colorectal Surgery**
Authors: [Lauren M Theis](#), Tara Wood, Marshall C McLeod, Isabel Dos Santos Marques, Elizabeth Lopez, Anh M Duong, Swara Bajpai, Connie Shao, Robert Hollis, Melanie S Morris, Daniel I Chu
- 3:02 C-Reactive Protein as a Marker for Postsurgical Outcomes**
Authors: [Burke Smith](#), Tara Wood, Ashley Webster, Drew Gunnells
- 3:10 Multidisciplinary Clinics for Colorectal Cancer May Not Provide More Efficient Coordination of Care**
Authors: [Swara Bajpai](#), Lauren Wood, Jamie A Cannon, Daniel I Chu, Drew J Gunnells, Karin M Hardiman, Gregory Kennedy, Melanie S Morris
- 3:18 Trends in Resident Case Numbers of Minimally Invasive and Open Inguinal Hernia Operations**
Authors: [Tucker L Bettis](#), Joseph R Esparaz, Jayleen M Grams, Britney L Corey, John R Porterfield, Abhisek D Parmar
- 3:26 Tired of Being Ignored: Fatigue as a Presenting Symptom in Primary Hyperparathyroidism**
Authors: [Kelsey B Montgomery](#), Jessica M Fazendin, Brenessa Lindeman, Herbert Chen
- 3:34 Trending diversity in pediatric surgery: A four-decade review of graduating fellows**
Authors: [Joseph R Esparaz](#), Robert T Russell, Elizabeth A Beierle, Colin A Martin, Scott A Anderson, Mike K Chen
- 3:42 Are We Using the Best Surgery Performance Metrics in US Hospital Rankings?**
Authors: [Meixi Ma](#), Cohen ME, Zhou L, Liu Y, Hall BL, Ko CY