Posters

1) Heather Schofield; Bmi1 is Required for the Initiation of Pancreatic Cancer
2) Ziru Li, PhD; Differential regulation of hepatic lipid metabolism by ghrelin and nesfatin-1
3) Yongjia Feng, MD, PhD; Slit2/Robo1 signaling prevents TPN-associated small intestinal mucosal atrophy
4) Nicole Werner, MD, MS; Prenatal Versus Postnatal Markers of CDH Severity: Is There a Clear Winner?
5) Nicole Werner, MD, MS; Detecting Neurological Injury in an ECPR Animal Model
6) Nicole Werner, MD, MS; Ex-Situ Lung Perfusion: University of Michigan’s Early Experience
7) Kyriaki Marti, MD, DMD, PhD; A new interdisciplinary medical emergencies role-playing simulation for dental students: development and quantitative evaluation of a new predoctoral program.
8) Elizabeth A. Mays, BSE; Effect of Implanted Epimysial Electrodes on Signal Transduction in Regenerative Peripheral Nerve Interfaces in Rats
9) Brooklyn Fillinger, BS; Varied Anatomical Course of the Superficial Fibular (Peroneal) Nerve: Avoiding Potential Injury During Fasciotomy
10) Jonathan Peterson, BA; Differential Role of ALK2 and ALK3: Novel Therapeutic Strategies for Trauma Induced Heterotopic Ossification
11) Esha Mathew; Dosage-Dependent Regulation of Pancreatic Cancer Growth and Angiogenesis by Hedgehog Signaling
12) Zhuwen Wang, MS; Inhibition of CTGF Increases Chemosensitivity in Esophageal Adenocarcinoma
13) Megan A. Coughlin, MD; The Effects of Air and Negative Pressure on Blood Activation During Cardiopulmonary Bypass
14) Megan A. Coughlin, MD; Nitric Oxide-Releasing Continuous PO2 Sensors in a 24 Hour Porcine Model
15) Megan A. Coughlin, MD; Prenatally Diagnosed Severe CDH: Mortality and Morbidity Remain High
16) Nisha Nagarsheth, BA; Epigenetic Control of Effector T cell Trafficking in Colon Cancer
17) Andrew Plaska; General Surgery Resident Satisfaction On Cardiothoracic Rotations
18) Zachary P. French, BS Candidate; Regenerative Peripheral Nerve Interface Signaling with and without Implanted Electrodes during Repeated Use
19) Austin R. Kuhn; Evaluation of Neo Anal Sphincters in the Rat
20) Spencer B. Lewis, BS; Stimulated Raman Scattering Microscopy as a Quantitative Tool for Detecting Brain Tumor Infiltration
21) Shanshan Wan; Tumor-associated Macrophages Produce Interleukin 6 and Signal via Stat3 to Promote Expansion of Human Hepatocellular Carcinoma Stem Cells
22) Peter White, MD; A novel steroidal lactone targets head and neck cancer stem cells blocking migration and EMT
23) Peter White, MD; A novel inhibitor of the β-catenin pathway in colorectal cancers that targets colorectal stem cells to prevent endothelial-to-mesenchymal transition (EMT) and migration
24) Jonathan Li, BSE; Image Related Factors Important for AKI Risk Assessment After Colectomies
25) Li Zhou, MD; Evaluation of the immunogenicity of ALDH^{high} human head and neck squamous cell carcinoma cancer stem cells in vitro
26) Jeffrey F. Friedman, MSE; Determination of Significant Risk Factors for Lymphedema Following Nodal Dissection for Melanoma
27) Yaxi Hu, BS; Impact of Muscle Volume on Signaling Capacity in the Regenerative Peripheral Nerve Interface for Neuroprosthetic Control
28) Ndi Geh, BS; Retropereitoneal Course of Iliohypogastric, Ilioinguinal, and Genitofemoral Nerves: A Study to Improve Identification and Excision During Triple Neurectomy
29) William Weir, BA; Periodontal Disease Does Not Correlate With Worse Outcomes After Esophagectomy
30) Yekaterina Polyatskaya, MD; Amifostine Prophylaxis Ameliorates Radiation-Induced Injury in a Murine Model of Expander-Based Reconstruction
31) Joel L. Crespo, BS; Functional heterogeneity of human naïve T cells
32) Suresh Madathilparambil, PhD; Role of TRIF in MyD88-independent signaling following lung contusion
33) Nicholas P. Guys; An Isogenic Murine Model of Irradiated Distraction Osteogenesis: A Collagen Analysis
34) Tyler R. Grenda, MD; Geographic Variation in Use of Video-Assisted Thoracoscopic Surgery (VATS) for Lung Cancer Resection
35) Andrew Kimball, MD; Histone Methylation in Type 2 Diabetic Macrophages Influences IL-1B Levels and Wound Healing
36) D. Ferrer-Torres, BS; Molecular Similarity of Barrett's-associated and Gastro-Esophageal Junction Adenocarcinomas
37) Scott LaTulip, BSE; Outcomes of Total Hip Arthroplasty in Patients Having Previously Undergone Arthroscopic Repair of Femoroacetabular Impingement
38) Yang Xia, MD; Antitumor effector B cells directly kill tumor cells involving the CXCL12/CXCR4 pathway and their therapeutic efficacy is enhanced by IL-2
39) Hannah L. Hill, BS; Hospital Competition and Adoption of New Procedures in Low Volume Settings
40) Lin Lin, MD, PhD; Osteopontin-mediated activation of integrin-dependent and -independent signaling contributes to chemoresistance in esophageal adenocarcinoma
41) Weimin Wang, PhD; Effector CD8+ T cells abrogate fibroblasts-mediated chemoresistance in ovarian cancer
42) Yaqing Zhang, MD, PhD; Myeloid cells are required for PD1/PDL1-mediated immune evasion in pancreatic cancer
43) Tomasz Maj, PhD; Apoptosis of regulatory T cell increases their immunosuppressive properties via ATP release and CD39/CD73-dependent mechanism
44) Christopher P. Scally, MD; The Impact of the 2011 ACGME Duty Hours on Program Structure and Resident Education
45) Noel N. Deshpande, BSE; Anal Sphincter Pressure Manometry in the Rat
46) Shawn Loder, BS; Novel Analysis of Role of Mechanical Versus Nerve-Induced Immobilization on Destructive Ectopic Bone Formation
47) Ellen P. Endres, HS; Effects of SIS on RPNI Muscle Regeneration in Rats
48) Ihab Halaweish, MD; Valproic Acid Protects Endothelial Cells from Hypoxia-induced Injury
49) Alex Zheutlin, BS; Bone Marrow Stromal Cells Remediate Radiation in Distraction Osteogenesis via Histological Evaluation
50) Noah S. Nelson, BS; Combined Amifostine and Deferoxamine Therapy Preserve Biomechanics and Improve Union Rate in a Murine Model of Distraction Osteogenesis Following Radiotherapy
51) Guihua Jiang, MS; Generation of human autologous transgene-free cardiomyocytes in hypoplastic left heart syndrome
52) Dan Ursu, MSE; Regenerative Peripheral Nerve Interface Signal Validation via Conscious Response to Tactile Stimuli
53) Jason Pradarelli, BS; Variation in Hospital Episode Costs with Bariatric Surgery
54) Jason Pradarelli, BS; Postoperative Reflux following Laparoscopic Sleeve Gastrectomy: 1-year Results across the Michigan Bariatric Surgery Collaborative
55) Andrej Nedic, MSE; Multiple RPNIs provide Independent Signaling for Prosthesis Control
56) Steven H. Sun, BS; Identification of Celiac Trunk Branches: Implications of Foregut Arterial Blood Supply
57) Lauren Wancata, MD; Improving wound care safety and efficiency for surgical patients
58) Mark Healy, MD; Volume-Outcomes and Resource Utilization in Esophagus and Pancreas Cancers
59) Matthew Sherman, BA, BA; Quantifying the Impact of Inpatient EMR Implementation on Surgical Patient Flow
60) Jacob Mack, BSE; Porous Silicone Substrate on Regenerative Peripheral Nerve Interfaces Demonstrates Suitability for Multi-Channel Electrodes
61) Hidehito Saito, PhD; Rejuvenated Antigen-Specific T cells by Reprogramming to Pluripotency and Redifferentiation.
62) Frances M. Walocko, MSE; Impact of Decellularized Small Intestinal Submucosa on Regeneration, Reinnervation, and Revascularization of Regenerative Peripheral Nerve Interfaces
63) Michael Terjimanian, MS; Morphometric Age as a Predictor of Survival Following Kidney Transplantation
64) Michael Terjimanian, MS; Abdominal Adiposity, Body Composition and Survival after Liver Transplantation
65) Tiffany N.S. Ballard, MD; A Novel Case Simulator to Help Predict Completion of Plastic Surgery Core Operative Requirements
66) Jack Bevins; Value of Cardiothoracic Rotations for General Surgeons
67) Rishindra M. Reddy, MD; Pulmonary Venous Blood Sampling Significantly Increases the Yield of Circulating Tumor Cells in Early Stage Lung Cancer
68) Jose J. Rodriguez, MD; Changes in Skin Vascularity in a Murine Model for Post-Mastectomy Radiation
69) Eric P. Westfall, MS; Fatigue Analysis of the Latissimus Dorsi in Rats
70) Mirna Perusina Lanfranca, PhD; Role of IL-22 in pancreatic cancer initiation and progression
71) Priya H. Dedhia, MD, PhD; Prospective validation of an enhanced intraoperative parathyroid hormone monitoring algorithm for predicting cure in patients undergoing directed parathyroidectomy for primary hyperparathyroidism
72) Jon Li, MD; Impact of the Adaptive Immune System on Heterotopic Ossification
73) David C. Cron, BS; Predictors of Operative Failure in Parathyroidectomy for Primary Hyperparathyroidism
74) Elizabeth Andraska, BS; Natural History of Iatrogenic Pediatric Femoral Artery Injury
75) David C. Cron, BS; Analytic Morphomics Identifies Predictors of New-Onset Diabetes After Liver Transplantation
76) Ryan Howard, BA; Contemporary Management of Secondary Aortoduodenal Fistula
77) Amy L. Myers, PhD; The Functional Role of Insulin-like Growth Factor Binding Protein-2 in Esophageal Adenocarcinoma Chemoresistance
78) Joseph W. Fakhoury; Impact of Waitlist Frailty on Liver Transplant Survival
79) Olivia Juntila, BS; Analytic Morphomics and Body Composition in Type II Diabetes