POSTERS

1) Vladislav A. Dolgachev, Topical nanoemulsion therapy clears Gram Positive and Negative bacteria and attenuates burn wound progression

2) MV Suresh, PhD Role of Hypoxia-Inducible FACTOR (HIF 1α) alpha Following Lung Contusion

3) Shawn Loder, Evaluation of Early Wound Healing Following Fat Grafting and Adipose Derived Stem Cell Treatment to Mouse Scald Burns

4) David S. Demos, MD Cold Ischemia: Effects on Renal Grafts from Extracorporeal Support Assisted Uncontrolled Donation After Cardiac Death In Swine

5) David S. Demos, MD Extracorporeal Support-Assisted Donation in a non-anticoagulated Porcine Model of Donation after Cardiac Death Using Thromblytics to Improve Organ Resuscitation

6) S Nie, PhD Discovery of Glycoprotein Biomarkers for Differentiation of Pancreatic Cancer from Several Related Conditions by Lectin Array and Quantitative Mass Spectrometry

7) IA Silva, PhD, MS C3d and the evocation of cytotoxic anti-tumor immunity

8) Shanshan Wan, PhD Tumor-associated macrophages promote cancer stem cells in human hepatocellular carcinoma through IL-6 signaling

9) Meredith A. Collins, MAPK signaling mediates Kras-driven PanIN formation and maintenance

10) Scott R Hawken, BS Improving the Care of Older Surgical Patients in Michigan

11) Zhuwen Wang, MS Overexpression of CTGF IS Associated With Chemoresistance In Esophageal Adenocarcinoma

12) Edward Kim, BS The Role Of Mechanical Bowel Preparation With Non-Absorbable Oral Antibiotics In Improving Surgical Outcomes In Elective Colectomy Within A State-Wide Collaborative

13) Jeffrey Friedman, Phase 2 Randomized Trial of Pre-Operative Physical Activity

14) Andrew A. Gonzalez, MD, JD, MPH Leapfrog Hospital Safety Score and Patient Outcomes

15) Erin Page, BS Deferoxamine Induces Restoration of Mineralization Metrics of Irradiated Bone in Distraction Osteogenesis

16) J Lisiecki, ScB Adipose-Derived Mesenchymal Stem Cells from Ventral Hernia Repair Patients Demonstrate Decreased Vasculogenesis

17) Jordan Knepper, MD The effect of physician specialty on short and long-term outcomes and re-interventions following Endovascular Aneurysm Repairs in Medicare Beneficiaries in the United States

18) JR Peterson, BA Effect of Aging on Reactive Bone Formation Following Burn and Musculoskeletal Injury in a Murine Heterotopic Ossification Model

19) Tracy X. Cui, PhD Tumor secreted protein CYR61/CCN1 is associated with cancer progression in high serous ovarian cancer

20) Shailesh Agarwal, MD Lymphatic Travel and Antigen Presentation after Lymphadenectomy in a Mouse Model

21) Josh W. Cockrum, Electrode Optimization for Implementation in Regenerative Peripheral Nerve Interfaces

22) Hee Soo Jung, Acute Respiratory Distress Syndrome (ARDS) and Severity of Hypoxemia: Improved Outcomes with an Evidence-based Treatment Algorithm including Rescue Strategies

23) Kyle Sheetz, Improving mortality following emergency surgery in older patients requires focus on complication rescue

24) Terry Shih, MD Statistical Reliability of 30-day Readmission Rates as a Measure of Hospital Quality in Coronary Artery Bypass Grafting

25) R. Alvarez, BS Venous Thromboembolism Risk Assessment Scoring in the Critically Ill: The Impact of Misclassification

26) Bradley N. Reames, MD Hospital Volume and Operative Mortality in the Modern Era

27) S Deshpande, BS Stem Cell Therapy Remediates Vasculogenesis following Radiation and Distraction Osteogenesis

28) Micah Girotti, MD Discharge Planning Practices And Readmission After Major Surgery

29) Sha’Shonda L. Revels, MD Underuse of cancer-directed care in Medicaid patients with esophageal cancer

30) Peter A. Felice, MD Deferoxamine Restores Biomechanical Properties and Potentiates Union of Irradiated Bone in Distraction Osteogenesis

31) Ben Bryner, MD An Artificial Placenta Based on Veno-venous Extracorporeal Life Support Provides Increased Survival Over Mechanical Ventilation in Premature Lambs

32) Yongjia Feng, PhD TNF-α-Induced Loss of Intestinal Epithelial Barrier Function Requires TNFR1 and TNFR2 Signaling Pathways

33) Ji-Yao Li, Leucine-rich repeat-containing G-protein-coupled receptor-4 (LGR4) and its ligands, R-spondin 1 and 3 are located in hypothalamic energy homeostatic areas and regulate food intake

34) Lin Lu, MD Therapeutic efficacy of cancer stem cell-based vaccine in an adjuvant setting

35) Yaqing Zhang, MD/PhD IL6 is required for pancreatic cancer maintenance and progression

36) Jinjie Zhong, Identification of Prognostic Long Noncoding RNAs in Lung Cancer

37) Huimin Tao, MS Efferct B cells in cancer adoptive immunotherapy

38) Kyle Sheetz, The Cost of Treating the Sarcopenic Patient


40) Lin Lin, MD, PhD Osteopontin (SPP1/OPN) alternative splice variants and metastatic potential in esophageal adenocarcinoma

41) Xiaofeng Zhou, PhD R-Loops Cause Genomic Instability in Aneuploid Cells

42) Kavitha Ranganathan, MD Temporals Muscle Morphomics: The Pssoas of the Craniofacial Skeleton
43) Anudeep Mukkamala, BA  Effect of Core Muscle Size on Mortality in Patients with Aortoiliac Occlusive Disease (AIOD)
44) Jacob R. Rinkinen, BS  Temporal morphomics as a model for aiding pre-operative risk of blood transfusion in non-syndromic craniosynostosis patients
45) Amy L. Myers, PhD  The Role of Insulin-like Growth Factor Binding Protein-2 in the Chemoresistance of Esophageal Adenocarcinoma
46) Svetlana Grabauskiene, MS  Chk1 Levels Correlate with Sensitization by Chk1 inhibitors and Pemetrexed in Non-Small Cell Lung Cancer cells
47) William B. Weir, BA  Effects of Hyperglycemia on Primary Graft Dysfunction in Lung Transplantation
48) Jianhui Zhu, PhD  Target Proteomic Profiling of Frozen Pancreatic CD24+ Adenocarcinoma Tissues by Immuno-LCM and Nano-LC-MS/MS
49) Bhan Chawla, MD  Profound Systemic Inflammatory Response Syndrome Following Non-Emergent Intestinal Surgery in Children
50) Karen Guy, BS  Thigh Morphomics as a Predictor of Surgical Outcomes
51) B Trzcinski, BA  Determining the Impact of Incisional Hernia Defect Size on Abdominal Wall Compliance and Muscle Atrophy
52) John V. Larson, BS  Proximal Upper Limb Amputation Injury Patterns and Outcomes
53) John V. Larson, BS  A Novel Method for Characterization of Electromyographic Signal Propagation through Biological and Synthetic Biomaterials
54) John V. Larson, BS  Utilization of Partial-coverage Synthetic Biomaterial Improves Electromyographic Signal Isolation
55) Sujit Gogineni, Efficacy of a Common Average Reference for Noise Reduction in Electromyographic Recordings
56) FM Davis, BS  The use of 18F-FDG PET to evaluate inflammation associated with human abdominal aortic aneurysm development
57) Elise DeRoo, BA  New Insights on Galectin-3 and Galectin-3 Binding Protein in promoting Venous Thrombosis
58) Dorian Culmer, DVM  Circulating and Vein Wall P-selectin Promote Venous Thrombogenesis during Aging in a Mouse Model
59) Osama M. El-Sayed, Early Experimental Stasis but not Non-stasis Venous Thrombosis Resolution is Dependent on TLR9 Mediated Neutrophil Functions
60) Stephanie A. Goreskri, Investigation of Electrode Fidelity for use in Regenerative Peripheral Nerve Interfaces
61) Jennifer Freeman, MD  Microbiome and intestinal epithelial cell interactions are modulated by Toll-like receptor 4 in a mouse model of TPN
62) Seth Waits, MD  Morphometric Age as a Predictor of Post Liver Transplant Survival
63) Ali A. Bazzi, BS  Identification of candidate chemoresistance genes and gene specific target therapies by database analysis of molecular events in esophageal adenocarcinoma
64) Nicholas R Teman, MD  Delaying surgery for esophageal cancer increases post-operative complications
65) Nicholas R Teman, MD  Nitric Oxide Improves Oxygenation and can be Used to Safely Transport Critically Ill Patients with Severe Hypoxemia
66) Kathleen M. Woods Ignatowski, PHD  Intermittent pressure to facilitate distraction-induced enterogenesis
67) Ryo Sueyoshi, MD  Distraction-induced bowel growth: Glucagon Like Peptide-2 accelerates enterogenesis effects in a mouse model
68) Joshua P. Spiegel, Amifostine Offers Protection of Osteocyte Viability During Fracture Healing After Radiotherapy
69) Andrej Nedic, BSE  von Frey Measurements Discriminate between Site Sensation
70) Jacob R. Rinkinen, BS  The Role of Anatomical Region and Hypoxia on Induction of Angiogenesis and Proliferation in Adipose-Derived Stomal Cells
71) Iris H. Wei, MD  Risk Factors for Recurrence after Surgical Resection of Non-functional Pancreatic Neuroendocrine Tumors
72) Matthew W Ralls, MD  Acute Nutrient Deprivation and Intestinal Environmental Variation: Potential Mechanism of Intestinal Inflammation
73) Arya Zarinefet, Perioperative Changes In Trunk Musculature
74) Emily Hayden, Developing an Educational Video on Lung Lobectomy for the General Surgery Resident
75) Scott Kizy, Nighttime Operating as a Surrogate for Surgeon Fatigue: No effect on Esophagectomy Outcomes
76) Guihua Jiang, MS  Human Placenta-Derived Neural Stem Cells and Cardiomyocytes for Neonatal Tissue Engineering and Stem Cell Therapy Applications
77) Ian Powelson, BS  Thoracoscopic Lobectomy in Infants and Young Children with Congenital Lung Malformations: An Evolution in Standard of Care
78) Wei Jiang, PhD  The Function of CD44 in Pancreatic Cancer Invasion
79) Scott C DeRoo, Defining the Signaling Requirements of MAST1 and 2 Gene Fusions in Breast Cancer
80) Wei Wang, PhD  FIP200, a component of autophagosome, is a key regulator of peripheral T cells’ survival
81) Ende Zhao, MD, PhD  Enhancer of zeste homolog 2 (EZH2) in the control of T cell functionality
82) Kara Barnhart, BS  Donor Kidney Morphomics Impact on Graft Function in Living Donor Renal Transplantation
83) TK Kung, Implanted Electrode with Conductive Polymer Augments Transduced Signals from the Regenerative Peripheral Nerve Interface
84) Arin Madenci, MPH  Factors associated with rapid progression to esophagectomy for benign disease
85) Andy Lo, Identification of Plasma Protein and Glycoprotein Markers of Fibrosis using Mass Spectrometry
86) J Lisiecki, ScB  Cross-Sectional Area of the Abdomen Predicts C—complication Incidence in Patients Undergoing Sternal Reconstruction