1) Benjamin Levi, MD Dura Mater Coaches Human Adipose-Derived Stromal to Undergo Osteogenic Differentiation in Mouse Calvarial Defects

2) Behdad Poushanchi, BS Amifostine Mitigates the Untoward Effects of Radiation on the Mineralization Capacity of Irradiated Bone in the Murine Mandible

3) Kelly K. Gallagher, MD PThy therapy reverses radiation induced non union and normalizes radiomorphometrics in a murine mandibular model of distraction osteogenesis

4) Elizabeth Razdolsky, BS Amifostine Demonstrates Significant Cytoprotection in an Irradiated Murine Model of Mandibular Distraction Osteogenesis

5) Alexis Donneys, MD Fracture Healing After Radiotherapy Demonstrates Quantifiable Reductions in Vascular Radiomorphometrics in the Murine Mandible

6) Shuang Wei, PhD IL-17 promotes Th1-type response from tumor draining lymph nodes in tumor-bearing hosts

7) Benjamin Wei, MD Modulating Peripheral Neuromas with Soleus grafts

8) Jeffrey Friedman Frailty and Quality of Life in Candidates for Liver Transplantation

9) Adam J. Booth, PhD IL-6 is Required for Cardiac Allograft Rejection Mediated by CD4+ T Cells

10) Biaoxin Chai, PhD A novel gene is highly expressed in hypothalamus and regulated by fasting

11) Vladislav Dolgachev, PhD Mesenchymal Stem Cell Therapy for Treatment of Gram Negative Pneumonia

12) Sohee Kim, PhD Smoking Effects on Vitamin D Metabolism in Lung Adenocarcinoma

13) Laura Ochoa-Froning MCP-1 is protective in Lung Contusion by Recruitment of Alveolar Macrophages

14) Ernest Nadal, MD Micro-RNA 34b/c and micro-RNA 148a DNA methylation defines a prognostic signature in surgically resected lung adenocarcinomas

15) Qi Wu, PhD TSC-mTOR Pathway Maintains the Quiescence and Survival of Naive T Cells

16) Xiaofang Zhou, PhD Cell Fusion Causes DNA Double-Stranded Breaks and Transformation

17) Govind Rangrass, BA The Contribution of Hospital Quality to Racial Disparities in Outcomes After Cardiac Surgery

18) David Spurlock, MD Extracorporeal Support and Thrombolytics: A Strategy for Uncontrolled-ODC Organ Donation

19) David Spurlock, MD In Vitro Evaluation of a Novel Short-Term Extracorporeal Ventricular Assist Device

20) Svetlana Grabauskiene, MS Cisplatin Enrichment of Tumorigenic Cancer Stem Cells in Non-Small Cell Lung Cancer

21) Qin Pan, PhD Selectively targeting of cancer stem cells (CSCs) by CSC vaccine-primed antibodies and cytotoxic T lymphocytes

22) Qin Pan, PhD Adaptove transfer of tumor reactive B cells confers host T cell immunity and tumor regression

23) Hiroto Katoh, MD, PhD Tumor Suppressor FOXP3 Orchestrates H4 K16 Acetylation and H3 K4 Tri-Methylation for Target Gene Activation through Recruiting MOF and Displacing PLU-1

24) Penghui Zhou, PhD, Presenter: Pan Zheng, MD, PhD Targeting Lymphosarcoma-Mediated Negative Selection To Prevent Prostate Cancer In Mice With Genetic Predisposition

25) Penghui Zhou, PhD, Presenter: Pan Zheng, MD, PhD B7 Blockade Alters The Balance Between Regulatory T Cells And Tumor-Reactive T Cells For Immunotherapy Of Cancer

26) Lindsay Tishberg Depression is Associated with Frailty But Not Severity of Liver Disease Among Candidates for Liver Transplantation

27) Bethany Buschmann A Randomized Controlled Pilot Trial to improve part time safety practices for injured children at a trauma center

28) Bethany Buschmann Stages of Change is Predictive of Response to Brief Intervention to Improve Motor Vehicle Safety Practices for Injured Children at a Level 1 Trauma Center

29) Chong Chen, PhD, Presenter: Pan Zheng, MD, PhD mTORC Activation Underlies Hematopoietic Stem Cell Defects in Autoimmune Diseases and Acute Inflammation

30) Michael S. Sabel, MD Sarcopenia and Prognosis in Stage III Melanoma: Is Host Biology as Important as Tumor Biology?

31) Ende Zhao, MD Regulatory T cells express functional IL-8 in the microenvironments of ulcerative colitis and colon carcinoma

32) Kathleen M. Woods Ignatowski, PhD Trans-differentiation of thymus cells into parathyroid-like cells without genetic manipulation

33) Huibin Yang Identification of Functional Domains of ATDC (TRIM29) Involved in the Radiation-Induced DNA Damage Response

34) Taylor A. Detzler ATDC is a novel oncogene that methylates PTEN in invasive bladder cancer

35) Alvaro Rojas-Pena, MD Organ Donation In Donors After Cardiac Death (DCD): 10 Year Experience At The University Of Michigan Health System

36) Jenna L. Irwin, BS Bone Regeneration in Distraction Osteogenesis Demonstrates Significantly Increased Vascularization in Comparison to Fracture Repair in the Murine Mandible

37) Deniz Sarhaddi, BA Quantification of Diminution in Bone Cellularity Following Fractionated Radiotherapy in a Murine Mandibular Fracture Repair Model

38) Michael N. Terjimanian, MS Surgical Site Infection and Analytic Morphometric Assessment of Body Composition in Patients Undergoing Midline Laparotomy

39) Calista M. Harbaugh, BSE Abdominal Aorta Calcification in Surgical Patients

40) Calista M. Harbaugh, BSE Portrayal of Organ Donation and Transplantation on American Primetime Television

41) Jay S. Lee, BS Core Muscle Size, Mortality, and Cost Following Open and Endovascular Repair of Abdominal Aortic Aneurysms

42) Adriana Laser, MD, MPH CCR7 Gene Deletion Inhibits Late Post Venous Thrombosis Venil Wall Remodeling

43) Adriana Laser, MD, MPH Differential Gender and Species Specific Formation of Aneurysms Using A Novel Method of Inducing Abdominal Aortic Aneurysms

44) Jose A. Diaz, MD P-selectin inhibition with ARC692 promotes thrombus resolution in a non human primate model of deep vein thrombosis

45) Evelyn H. Kim, PhD Extracellular protein remodelling in failing ischemic human hearts

46) Evelyn H. Kim, PhD Alteration of Glycoprotein Expression in Breast Ductal Epithelial Cells

47) Daniela M. Weiss A Model for Radiation Induced Pathologic Fractures and Resultant Non-Unions in the Murine Mandible

48) Kyle H. Sheetz Core Muscle Size and Patient Survival Following Esophagectomy for Cancer

49) Emily Moses Neural Area Is Not Adversely Affected by the Presence of PEDOT Core Muscle Size, Mortality, and Cost Following Open and

50) Stephanie Burdick, BA Internet Utilization by Thoracic Surgery Patients for Disease Research

51) Ji-Yao Li, PhD Ankyrin repeat and SOCS box containing protein 4 (Asb-4) colocalizes with insulin receptor substrate 4 (IRS4) in the hypothalamic neurons and mediates IRS4 degradation

52) Shanshan Wan, PhD Resistance of CDA4+ Hepatoscarcinoma Cancer Stem Cells to Immune Effector Responses

53) Humza Khan Effect of Polymerization Methods on Peripheral Nerve Regeneration: Histological Assessment

54) Muhammad Masood, MD Standardized ARDS Algorithm Improves Safe Transport of Critically Ill Patients for ECMO Evaluation at a Regional ARDS Center

55) Muhammad Masood, MD Utilization of Ambulatory ECMO as a Bridge to Lung Transplant Promotes Early Physiological Therapy and Reduces Duration of Mechanical Ventilation

56) Catherine N. Tchanque-Fossou, MS, MD Raman Spectroscopy Demonstrates Amifostine Induced Protection of Bone Quality in the Irradiated Murine Mandible


58) Lauren P. Scott Conductive Polymer Enhanced Acellular Tissue: Implications for Regenerative Peripheral Nerve Interfaces

59) Vikram Sood, BS An Analysis of Pre-Clinical Students’ Attitudes to Thoracic Surgery

60) Nick Teman, MD Thromboembolic Event During Neoadjuvant Treatment Does Not Worsen Outcomes in Esophageal Cancer

61) Adi Wolstein, BA A Comparison of Regenerated Peripheral Nerve Interfaces Containing Cultured Myoblasts or Transferred Muscle

62) Ziya Baghmanli, MD Neurotization of Freely Transferred Muscle Grafts in a Regenerative Peripheral Nerve Interface

63) Christopher M. Frost Increased Sensitivity and Fidelity of Electrodes with Conducting Polymers Demonstrate Advantages for Regenerative Peripheral Nerve Interfaces

64) Barbara Miller, MD A quantitative tool to objectively assess degree of sarcopenia in patients with hypercortisolism

65) Christopher R. Burke, BS Malignant Pleural Effusion: Gender Disparities in Patient Referral and Effect of Surgical Referral on Outcomes

66) Eric Luehr, MD Non-Trauma Emergency (NTE) Surgery Patients in the ICU: Increasing in Number and Acuity

67) Noah S. Nelson Normative Reference Parameters of Bone Mineral Density Distribution in the Sprague Dawley Rat Mandible

68) Yonjia Feng, PhD Total Parenteral Nutrition (TPN)-Associated Atrophy is Associated with Loss of Intestinal Epithelial Cell (IEC) Migration: Modulation of Action by Epidermal Growth Factor (EGF) and Glucagon-like peptide-2 (GLP-2)

69) Joan S. Scheske, MBA MSME “Best Kept Secrets” for a Successful Research Career at Michigan