- #1 ASHWAGANHDA INDUCED DILI & BILE CAST NEPHROPATHY IMPROVED WITH THERAPEUTIC PLASMA EXCHANGE

  <u>Lina Adwer BS</u><sup>a</sup>, Bill Quach MD<sup>b</sup>, Aleh Bobr MD<sup>c</sup>, Troy Plumb MD<sup>d</sup>, Faruq Pradhan MBBCh<sup>b</sup>, <sup>a</sup>College of Medicine, University of Nebraska Medical Center, Omaha, NE, USA, <sup>b</sup>Division of Gastroenterology & Hepatology, University of Nebraska Medical Center, Omaha, NE, USA, <sup>c</sup>Department of Pathology, University of Nebraska Medical Center, Omaha, NE, USA, <sup>d</sup>Department of Neurological Sciences, University of Nebraska Medical Center, Omaha, NE, USA
- #2 PATIENT OUTCOMES FOLLOWING LEFT LOBE LIVING DONOR LIVER TRANSPLANT UTILIZING A PORTACAVAL SHUNT

  <u>Zach Headley</u><sup>1</sup>, Shaheed Merani<sup>1</sup>, Audrey Brown<sup>2</sup>, John P. Roberts<sup>2</sup>, Alan Langnas<sup>1</sup>,

  <sup>1</sup>Division of Transplant, Department of Surgery, University of Nebraska Medical Center,

  Omaha, NE 68198, <sup>2</sup>Division of Transplant Surgery, Department of Surgery, University of California San Francisco, San Francisco, CA, 94143
- PORCINE ORGAN DONATION MODELS IN PRE-CLINICAL ORGAN DONOR INTERVENTION RESEARCH
  Frazer I. Heinis¹, Shaheed Merani², Nicholas W. Markin³, Kim F. Duncan⁴, Michael J Moulton⁴, William E. Thorell⁵, Raechel A. Sherrick⁶, Matthew T. Andrews¹, and Marian Urban⁴, ¹School of Natural Resources, Institute of Agriculture and Natural Resources, UNL, Lincoln, NE, USA, ²Division of Transplantation and Vascular Surgery, Department of Surgery, UNMC, Omaha, NE, USA, ⁴Division of Cardiothoracic Surgery, Department of Surgery, UNMC, Omaha, NE, USA, ⁵Department of Neurosurgery, UNMC, Omaha, NE, USA, ⁶Nutrition and Health Sciences, College of Education and Human Sciences, UNL, Lincoln, NE, USA
- #4 LIVER TRANSPLANT OUTCOMES AND MORTALITY IN GERIATRIC PATIENTS 65
  AND OLDER COMPARED TO YOURNGER RECIPIENTS

  Nathaniel Pester BS, Julie Hoffman MSN, Valerie Shostrom MS, Trevor Wilke MD, Cale
  Kassel MD, University of Nebraska Medical Center Department of Anesthesiology,
  Omaha, NE
- #5 INTRA-OPERATIVE OUTCOMES IN DONATION AFTER CIRCULATORY DEATH LIVER TRANSPLANTATION USING NORMOTHERMIC MACHINE PERFUSION AND NORMOTHERMIC REGIONAL PERFUSION
  Rachel Quandahl, Benjamin Huerter, Luciano Vargas, Cale Kassel, Shelia Ellis, Alan Langnas, Shaheed Merani, University of Nebraska Medical Center, Omaha, NE, USA
- #6 DESIGN OF A LOW-COST *EX VIVO* LARGE-ANIMAL WHOLE LIVER NORMOTHERMIC PRE-CLINICAL PERFUSION MODEL RELEVANT TO INVESTIGATION OF ISCHEMIA-REPERFUSION INJURY IN TRANSPLANTATION Kennedy Scheele<sup>1,2</sup>, Lance Fristoe<sup>3</sup>, Peyton Price<sup>3</sup>, Marian Urban<sup>2</sup>, Luciano Vargas<sup>1</sup>, Shaheed Merani<sup>1</sup>, <sup>1</sup>Division of Transplant, Department of Surgery, University of Nebraska Medical Center, <sup>2</sup>Division of Cardiothoracic Surgery, Department of Surgery, University of Nebraska Medical Center, <sup>3</sup>Clinical Perfusion, Nebraska Medicine

- #7 INVESTIGATING BARRIERS RELATED TO PATIENT PORTAL UTILIZATION AMONG KIDNEY TRANSPLANT RECIPIENTS: A SURVEY-BASED EXPLORATION Sami Vasistha<sup>1</sup>, Rosalynn Mannon<sup>1</sup>, Clifford Miles<sup>1</sup>, Martina Clark<sup>2</sup>, Kate Cooper<sup>2</sup>, Advisor Ann Fruhling<sup>2</sup>, PhD, <sup>1</sup> College of Graduate Studies, University of Nebraska Medical Center, <sup>2</sup>University of Nebraska Omaha
- #8 NON-OPERATIVE MANAGEMENT OF APPENDICITIS IN SOLID ORGAN TRANSPLANT RECIPIENTS.

  <u>Alexander Wu¹</u>, Shaheed Merani¹, Faruq Pradhan², ¹Division of Transplant, Department of Surgery, University of Nebraska Medical Center, ²Division of Gastroenterology and Hepatology, Department of Internal Medicine, University of Nebraska Medical Center
- #9 ANTICOAGULATION IN PATIENTS WITH CIRRHOSIS AND PORTAL VEIN THROMBOSIS: SAFETY AND IMPACT ON LIVER TRANSPLANTATION Taylor C. York<sup>1</sup>, Luciano M. Vargas<sup>1</sup>, Wuttiporn Manatsathit<sup>2</sup>, Alan N. Langnas<sup>1</sup>, and Shaheed Merani<sup>1</sup>, <sup>1</sup>Division of Transplant, Department of Surgery, University of Nebraska Medical Center, Omaha, Nebraska, USA, <sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, University of Nebraska Medical Center, Omaha, Nebraska, USA
- #10 USING ULTRASOUND MEASUREMENT OF FOUR MUCLE GROUPS AND THEIR FUNCTION TO ASSESS FRAILTY AMONG PATIENTS WITH CHRONIC LIVER DISEASE: A PILOT STUDY Chansong Choi, M.D., Christopher J. Smith, M.D., Jesse Umbra, MHPTT, RDCS, RVT, Wuttiporn (Shane) Manatsathit, M.D., Jacob Owens., Jennifer Oliveto, M.D., M.D., Faruq Pradhan, M.D., All authors affiliated with University of Nebraska Medical Center, Omaha, NE, 68198
- #11 SPLIT VERSUS REDUCED-SIZE LIVER TRANSPLANTATION IN PEDIATRIC PATIENTS: COMPARING OUTCOMES OF THE PRIMARY RECIPIENTS

  Madeline Cloonan<sup>1</sup>, Shaheed Merani <sup>1</sup>, Wendy Grant <sup>1</sup>, Alan Langnas <sup>1</sup>, University of Nebraska Medical Center Omaha, NE, USA
- #12 MAXIMIZING KIDNEY DONATION UTILIZATION BY SPLITTING HORSESHOE KIDNEYS

  JR Dauch, MD¹, AW Cheng, MD², LS Butts, DO³, BD Campos, MD³, ¹Department of Surgery, University of Nebraska, Omaha, NE, USA, ²Department of Surgery, University of Nevada Las Vegas, Las Vegas, NV, USA, ³Department of Surgery, University of Arizona, Tucson, AZ, USA
- #13 IMPROVING NUTRITIONAL SUPPORT FOR INPATIENT MANAGEMENT OF PATIENTS WITH CIRRHOSIS

  <u>Alexandra Fiedler<sup>1</sup></u>, Faruq Pradhan<sup>2</sup>, <sup>1</sup>Department of Internal Medicine, University of Nebraska Medical Center, Omaha NE, United States, <sup>2</sup>Department of Gastroenterology and Hepatology, University of Nebraska Medical Center, Omaha NE, United States

- #14 POST TRANSPLANT NEURALGIC AMYOTROPHY

  <u>Eric Hilker MDa</u>, Bill Quach MDb, Joseph Fernandes MDc, Faruq Pradhan MBBChb,

  aDepartment of Internal Medicine, University of Nebraska Medical Center, Omaha, NE,

  USA, bDivision of Gastroenterology & Hepatology, University of Nebraska Medical

  Center, Omaha, NE, USA, Department of Neurological Sciences, University of

  Nebraska Medical Center, Omaha, NE, USA
- #15 EVALUATION OF STEROID MANAGEMENT AFTER PEDIATRIC INTESTINAL TRANSPLANTATION: A LONG-TERM FOLLOW UP STUDY

  Shawna Kuhlers<sup>1</sup>, Carrie McAdam-Marx<sup>2</sup>, Emille Reyes-Santiago<sup>3</sup>, Katarzyna Bigaj<sup>4</sup>, Megan Keck<sup>1</sup>, <sup>1</sup>Nebraska Medicine, Department of Pharmacy, PGY2 Oncology Pharmacy Residency Program, Omaha, NE, USA; <sup>2</sup>University of Nebraska Medical Center College of Pharmacy, Department of Pharmacy Practice and Science, Omaha, NE, USA; <sup>3</sup>Nebraska Medicine, Department of Pediatrics, Division of Gastroenterology, Omaha, NE, USA; <sup>4</sup>The Children's Hospital at Montefiore, Department of Pediatrics, Bronx, NY, USA
- #16 DISSEMINATED NOCARDIA IN A RENAL TRANSPLANT PATIENT WITH DIAGNOSIS CONFIRMED BY MALDI-TOF MASS SPECTROMETRY

  Nathaniel Leonardi, DO, Clifford Miles, MD, Department of Nephrology, College of Medicine, University of Nebraska Medical Center, United States of America
- #17 RISK FACTORS FOR THE DEVELOPMENT OF POST-TRANSPLANT LYMPHOPROLIFERATIVE DISEASE IN CHILDREN UNDERGOING INTESTINAL TRANSPLANT

  <u>Erin Oeltjen¹</u>, Shaheed Merani², Makayla Schissel³, Kelly Erickson⁴, Robert Hayashi⁵, Alan Langnas², Wendy Grant², James Ford⁶, ¹Department of Pediatrics, University of Nebraska Medical Center, Omaha, NE, USA, ²Division of Transplantation, Department of Surgery, University of Nebraska Medical Center, Omaha, NE, USA, ³Department of Biostatistics, University of Nebraska Medical Center, Omaha, NE, USA
- #18 SUCCESSFUL TREATMENT OF PRIMARY CENTRAL NERVOUS SYSTEM POST-TRANSPLANT LYMPHOPROLIFERATIVE DISORDER AFTER LIVER TRANSPLANT USING METHOTREXATE: A NOVEL CASE REPORT Kyle Scholten DO¹, Kevin Brittan MD¹, Jason Barbaretta MD¹, Patrick Twohig, MD⁴, Faruq Pradhan MBChB², Neha Gupta, MBBS³, Tomoki Sempokuya MD⁵, Wuttiporn Manatsathit MD², ¹University of Nebraska Medical Center, College of Medicine, Department of Internal Medicine, Omaha, Nebraska, ²University of Nebraska Medical Center, Department of Internal Medicine, Division of Gastroenterology and Hepatology, Omaha, Nebraska, ³University of Nebraska Medical Center, Department of Pathology and Microbiology, Omaha, Nebraska, ⁴University of Rochester, Department of Internal Medicine, Division of Gastroenterology and Hepatology, Rochester, New York, ⁵The John A. Burns School of Medicine at the University of Hawaii at Manoa, Department of Medicine, Manoa, HI
- #19 EFFECTS OF DIFFERENT DOSING STRATEGIES ON RABBIT ANTI-THYMOCYTE GLOBULIN FOR INDUCTION IN ADULT LIVER TRANSPLANT RECIPIENTS

  <u>Emily Stohs, PharmD</u>, Molly Henry, PharmD, BCTXP, Sydney Harrison, PharmD, BCTXP, Shaheed Merani, MD, PhD, FRCS(C), FACS, Anthony Donovan, PharmD, Mary Leick, PharmD, BCPS, BCTXP, Nebraska Medicine, Omaha, Nebraska, United States of America

- #20 OUTCOME OF ORGAN PROCUREMENT AND TRANSPLANTATION NETWORK (OPTN) POLICY ALLOWING FOR WAITING TIME MODIFICATION FOR CANDIDATES AFFECTED BY RACE-INCLUSIVE EGFR CALCULATIONS: EARLY IMPACT FROM A SINGLE CENTER

  <u>Debra Wekesa</u><sup>1</sup>, Scott G. Westphal<sup>1</sup>, Clifford D. Miles<sup>1</sup>, <sup>1</sup>University of Nebraska Medical Center, Omaha, NE, United States
- #21 THE PARADOXICAL IMPACT OF CALCINEURIN INHIBITOR (CNI) THERAPY FOLLOWING TRANSPLANTATION

  Sharon DB de Morais<sup>1</sup>, Seth Winfree<sup>1,2</sup>, Hongjun Wein<sup>1</sup>, Anna A. Zmijewska<sup>3</sup>, Roslyn B Mannon<sup>1</sup>, <sup>1</sup>Department of Internal Medicine/Division of Nephrology, University of Nebraska Medical Center; <sup>2</sup>Department of Pathology and Microbiology, University of Nebraska Medical Center; <sup>3</sup>Division of Nephology, University of Alabama at Birmingham
- #22 GENOME-WIDE DNA METHYLATION PROFILING IN HUMAN DILATED CARDIOMYOPATHY

  <u>Kajari Dhar</u>, David Liescheski, Marian Urban, Adam Burdorf, John Um and Brian Lowes, University of Nebraska Medical Center Department of Cardiology, and Department of Surgery, Omaha, Nebraska
- #23 THE EFFECT OF VIRAL PROPHYLAXIS ON RATE OF CYTOMEGALOVIRUS REACTIVATION AND DISEASE IN CYTOMEGALOVIRUS SEROPOSITIVE LIVER TRANSPLANT RECIPIENTS

  Sydney Harrison, PharmD, BCTXP1; Anthony Donovan, PharmD1; Molly Henry, PharmD, BCTXP1; Mary Leick, PharmD, BCPS, BCTXP1, Nebraska Medicine, Omaha, Nebraska, United States of America
- #24 UNTARGETED METABOLOMIC PROFILING OF PORCINE DONOR ORGANS DURING EXTENDED STATIC COLD STORAGE.
   <u>Frazer I. Heinis¹</u>, Marian Urban², Sophie Alvarez³, Raechel A. Sherrick⁴, Matthew T. Andrews¹, and Shaheed Merani⁵, ¹School of Natural Resources, Institute of Agriculture and Natural Resources, UNL, Lincoln, NE, USA, ²Division of Cardiothoracic Surgery, Department of Surgery, UNMC, Omaha, NE, USA, ³Proteomics and Metabolomics Facility, Nebraska Center for Biotechnology, UNL, Lincoln, NE, USA, ⁴Nutrition and Health Sciences, College of Education and Human Sciences, UNL, Lincoln, NE, USA, ⁵Division of Transplantation and Vascular Surgery, Department of Surgery, UNMC, Omaha, NE, USA
- #25 LIVER TRANSPLANT OUTCOMES IN ANESTHESIA DATABASE (TOAD) THE UNIVERSITY OF NEBRASKA MEDICAL CENTER EXPERIENCE

  <u>Luke Wiedmayer<sup>1</sup></u>, Dieter Alderman<sup>2</sup>, Cale Kassel<sup>1</sup>, University of Nebraska Medical Center, Omaha, NE, USA, University of California, San Francisco, San Francisco, CA, USA
- #26 ASSESSMENT OF HEPATITIS B VIRUS SURFACE ANTIBODY SEROPOSITIVITY IN LIVER TRANSPLANT RECIPIENTS

  N. A. Jantrakul<sup>1</sup>, M. Henry<sup>2</sup>, F. Pradhan<sup>3</sup>, C. McAdam-Marx<sup>3</sup>, M. Leick<sup>2</sup>, <sup>1</sup>St. Jude Children's Research Hospital, Memphis, TN, <sup>2</sup>Nebraska Medicine, Omaha, NE, <sup>3</sup>University of Nebraska Medical Center, Omaha, NE

- #27 INITIATION AND USE OF THE DAVINCI XI ROBOTIC SYSTEM FOR DONOR NEPHRECTOMIES FOR TRANSPLANTATION A NOVEL OPERATION AT UNMC Alexander Maskin, MD, FACS<sup>1</sup>, Jacqueline Dauch, MD<sup>1</sup>, Luciano Vargas, MD<sup>1</sup>,

  1 Department of Transplant Surgery, University of Nebraska Medical Center, Omaha, NE, USA
- #28 EVALUATION OF A HIBERNATION-BASED STRATEGY TO MITIGATE ISCHEMIC INJURY IN SOLID ORGANS DURING STATIC COLD STORAGE

  Shaheed Merani<sup>1</sup>, Frazer I. Heinis<sup>2</sup>, Andrew Trease<sup>1</sup>, Nick Markin<sup>1</sup>, Matthew T.

  Andrews<sup>2</sup>, Marian Urban<sup>1</sup>, <sup>1</sup>University of Nebraska Medical Center, Omaha, NE,

  <sup>2</sup>University of Nebraska Lincoln, Lincoln, NE
- #29 IMPROVED EARLY POST-TRANSPLANT OUTCOMES AND ORGAN UTILIZATION IN KIDNEY TRANSPLANT USING NORMOTHERMIC REGIONAL PERFUSION FOR DONATION AFTER CIRCULATORY DEATH: NATIONAL EXPERIENCE IN THE UNITED STATES

  Shaheed Merani<sup>1</sup>, Marian Urban<sup>2</sup>, Scott G. Westphal<sup>3</sup>, James Dong<sup>3,4</sup>, Clifford D Miles<sup>3</sup>, Alexander Maskin<sup>1</sup>, Arika Hoffman<sup>1</sup>, and Alan N. Langnas<sup>1</sup>, <sup>1</sup>Division of Transplant, Department of Surgery, University of Nebraska Medical Center, <sup>2</sup>Division of Cardiothoracic Surgery, Department of Surgery, University of Nebraska Medical Center, <sup>3</sup>Division of Nephrology, Department of Medicine, University of Nebraska Medical Center
- #30 SINGLE LIMB ILEOSCOPY, IS IT ENOUGH TO RULE OUT INTESTINAL GRAFT REJECTION?

  Ahmad Miria, Michelle Lotfi and Ruben E. Quiros-Tejerina, aPediatric Gastroenterology, Hepatology and Nutrition, Department of Pediatrics, University of Nebraska Medical Center, Omaha, Nebraska, United States
- #31 LONG-TERM GROWTH AND NUTRITION OUTCOMES IN CHILDREN FOLLOWING INTESTINAL TRANSPLANTATION Ahmad Miria, Angela K Iversonb, Nathan Lawc, Junghyae Leed, Hanh D. Voa, Emilie M. Reyes-Santiagoa, Warapan Nakayuenyongsuka, David F. Mercere, Luciana M. Vargase, Shaheed Meranie, Wendy J. Grante, Alan N. Langnase and Ruben E. Quiros-Tejeiraa, <sup>a</sup>Pediatric Gastroenterology, Hepatology and Nutrition, Department of Pediatrics, University of Nebraska Medical Center, Omaha, Nebraska, United States; <sup>b</sup>Department of Clinical Nutrition, University of Nebraska Medical Center, Omaha, Nebraska, USA: <sup>c</sup>School of Medicine, Creighton University, Omaha, Nebraska, USA; <sup>d</sup>Department of Biostatistics, University of Nebraska Medical Center, Omaha, Nebraska, USA; eTransplantation Surgery Department, University of Nebraska Medical Center, Omaha, Nebraska, United States; <sup>4</sup>Department of Child Health Research Institute, Pediatric Research Office, University of Nebraska Medical Center, Omaha, NE, USA, <sup>5</sup>Department of Pediatrics, St. Louis Children's Hospital-Washington University, St. Louis, MS, USA, <sup>6</sup>Department of Pediatrics, Primary Children's Hospital, Salt Lake City, UT, USA

432 ANTHROPOMETRICS, BODY COMPOSITION, SARCOPENIA, AND FRAILTY IN INTESTINAL TRANSPLANTATION: A LITERATURE REVIEW AND COMMENTARY Faruq Pradhan<sup>1</sup>, Yara Dababneh<sup>2</sup>, Thomas Pietrowsky<sup>3</sup>, Syed-Mohammed Jafri<sup>3</sup>, and Shaheed Merani<sup>4</sup>, <sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, University of Nebraska Medical Center, Omaha, NE, <sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Henry Ford Hospital, Detroit, MI, <sup>3</sup>Solid Organ Transplant and Intestinal Rehabilitation, Henry Ford Hospital, Detroit, MI, <sup>4</sup>Division of Transplant, Department of Surgery, University of Nebraska Medical Center, Omaha, NE