Tuesday, June 7, 2016 -- Evening

5:00-7:00 PM  Evening Registration Reception  Gant Conference Center

Wednesday, June 8, 2016 -- Morning

8:00-8:30 AM  Introduction  Martin R. Zamora, M.D., Chair
Tereza Martinu, M.D., Co-Chair
Mark R. Nicolls, M.D., Co-Chair

Reperfusion Injury, Lung Reconditioning:  Moderator - Martin Zamora, M.D.

8:30-9:05 AM  ROGER S. MITCHELL LECTURE
“EX-VIVO LUNG PERFUSION: A PLATFORM FOR ORGAN
REPAIR, RECONDITIONING AND RESEARCH”
Shaf Keshavjee, M.D., M.Sc.
Professor, Division of Thoracic Surgery
James Wallace McCutcheon Chair in Surgery
Director, Toronto Lung Transplant Program
Director, Latner Thoracic Research Laboratories
University of Toronto
Toronto General Hospital
Toronto, Ontario, Canada

9:05-9:30 AM  Discussion

9:30-9:45 AM  ASSESSMENT OF LUNGS FOR TRANSPLANT RECOVERED FROM UNCONTROLLED
DONATION AFTER CIRCULATORY DETERMINATION OF DEATH DONORS (uDCDDs).
Thomas Egan1*, J. Blackwell1, K. Birchard1, B. Haithcock1, J. Long1, S. Gazda1, N. Casey2,
C. Thys2, 1University of North Carolina at Chapel Hill, NC; 2Carolina Donor Services,
Durham, NC.

9:45-10:00 AM  SINGLE CENTER RESULTS WITH NORMOTHERMIC EX VIVO LUNG PERFUSION: A
PROPENSITY MATCHED ANALYSIS.  Jonathan C. Yeung1*, P.R. dos Santos, J. Reeb, K.
Yasufuku, M. de Perrot, A.F. Pierre, T.K. Waddel1, S. Keshavjee1, M. Cypel1,GToronto Lung
Transplant Program, Division of Thoracic Surgery, University of Toronto, Toronto, Ontario,
Canada.

10:00-10:30 AM  ....Coffee Break (for conference participants)
Wednesday, June 8, 2016 – Morning - continued

Reperfusion Injury, Lung Reconditioning: Moderator – Eric Schmidt, M.D.

10:30-11:05 AM  STATE OF THE ART
Mark N. Gillespie, Ph.D.
University of South Alabama
“Mitochondrial DNA: A Sentinel Molecule in Oxidant Injury”

11:05-11:30 AM  Discussion

11:30-11:45 AM  FORMYL PEPTIDE RECEPTOR 1 PROMOTES PRIMARY GRAFT DYSFUNCTION IN A MOUSE MODEL OF ORTHOTOPIC LUNG TRANSPLANTATION. Davide Scozzi¹*, X. Lin¹, X.-A. Wang¹, M. Ibrahim¹, H.-M. Hsiao¹, A.S. Krupnick¹, D. Kreisel¹, A.E. Gelman¹, ¹Departments of Surgery, Washington University School of Medicine, St. Louis, MO; ²Pathology and Immunology, Washington University School of Medicine, St. Louis, MO.

11:45-12:00 Noon  ONSET OF INFLAMMATION WITH ISCHEMIA: IMPLICATIONS FOR DONOR LUNG PRESERVATION AND TRANSPLANT SURVIVAL. J.-Q. Tao¹, E.M. Sorokina¹, J. Vasquez Medina¹, M.K. Mishra², Y. Yamada³, J. Satalin⁴, G.F. Nieman⁴, J.R. Nellen⁵, B. Beduhn⁵, E. Cantu⁵, N.M. Habashi⁶, W. Jungraithmayr³, J.D. Christie⁵, ⁷Shampa Chatterjee¹*, ¹Institute for Environmental Medicine and Department of Physiology, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA; ²Department of Physiology, Pennsylvania Muscle Institute, University of Pennsylvania School of Medicine, Philadelphia, PA; ³Division of Thoracic Surgery, University Hospital Zurich, Zurich, Switzerland; ⁴Department of Surgery, SUNY Upstate Medical University, Syracuse, NY; ⁵Cardiovascular Surgery Division, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA; ⁶Surgical Critical Care, University of Maryland Medical Center, Baltimore, MD; ⁷Pulmonary Allergy and Critical Care Division, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA.

12:00-1:30 PM  ......Lunch (lunch not provided by conference)
Reperfusion Injury and Clinical Primary Graft Dysfunction: Moderator – Lorraine Ware, M.D.

1:30-2:05 PM   STATE OF THE ART
Daniel Kreisel, M.D., Ph.D.
Washington University
“Mechanisms of Injury and Immune Regulation in Acute Allograft Rejection”

2:05-2:30 PM   Discussion

2:30-2:45 PM   LUNG DONORS WITH HEAVY ALCOHOL USE HAVE ALTERED SYSTEMIC AND AIRWAY INFLAMMATION. Erin Lowery1*, M. Young1, A. Cohen1, L. Ramirez1, E. Burnham2, E. Kovacs1, Loyola University Chicago, Health Science Division, Maywood, IL; 2University of Colorado, Denver, Aurora, CO.

2:45-3:00 PM   CELL-FREE HEMOGLOBIN-MEDIATED INCREASES IN VASCULAR PERMEABILITY: A NOVEL MECHANISM OF PRIMARY GRAFT DYSFUNCTION AND NEW THERAPEUTIC TARGET. Ciara M. Shaver*, N. Wickersham, J.B. McNeil, H. Nagata, G. Sills, J.L. Kuck, D.R. Janz, J.A. Bastarache, L.B. Ware, Division of Allergy, Pulmonary, and Critical Care Medicine, Vanderbilt University Medical Center, Nashville, TN.

3:00-3:30 PM   ......Break (for conference participants)

Reperfusion Injury and Clinical Primary Graft Dysfunction: Moderator – Todd Grazia, M.D.

3:30-4:05 PM   THOMAS A. NEFF LECTURE
"PRIMARY GRAFT DYSFUNCTION PHENOTYPING: GENOMICS, TRANSCRIPTOMICS AND PROTEOMICS”
Jason D. Christie, M.D., MSCE
Professor of Medicine
Division of Pulmonary and Critical Care Medicine
Hospital of the University of Pennsylvania
Center for Clinical Epidemiology and Biostatistics
Philadelphia, Pennsylvania

4:05-4:30 PM   Discussion

4:30-4:45 PM   ISCHEMIA REPERFUSION-INDUCED GENETIC EXPRESSION PROFILES IN THE HUMAN LUNG. Bo Kim1*, L. Johnston1, J.T. Magruder2, J.C. Grimm2, C. Talbor1, R.S. Stephens1, R.L. Damico1, P.M. Hassoun1, A.S. Shah2, Division of Pulmonary and Critical Care Medicine, Johns Hopkins University School of Medicine, Baltimore, MD; 2Division of Cardiac Surgery, Johns Hopkins University School of Medicine, Baltimore, MD; 3Division of Basic Biomedical Sciences, Johns Hopkins University School of Medicine, Baltimore, MD; 4Department of Anesthesiology, Johns Hopkins University School of Medicine, Baltimore, MD.

4:45-5:00 PM   EX VIVO REPAIR OF ISCHEMIA-INJURED DONOR PIG LUNGS USING CELL-BASED THERAPY WITH MESENCHYMAL STEM CELLS. Daisuke Nakajima1*, P. Mordant1, R.K. Iyer2, J.E. Davies3, M. Cypel1, M. Liu4, T.K. Waddell1, S. Keshavjee1, Latner Thoracic Surgery Research Laboratories, Toronto General Research Institute, University Health Network, University of Toronto, Toronto, Ontario, Canada; 2Tissue Regeneration Therapeutics Inc., Toronto, Ontario, Canada.

5:00-7:00 PM   POSTER VIEWING --- EVLP Demonstration --- SOCIAL HOUR
THURSDAY, JUNE 9, 2016 -- MORNING

ALLO AND AUTOIMMUNITY IN ALLOGRAFT REJECTION

Moderator - Mark Nicolls, M.D.

INTRODUCTION OF JORDAN POBER, M.D., PH.D. BY MARK NICOLLS, M.D.

8:00-8:40 AM

THOMAS L. PETTY LECTURE

Introduction by Dennis E. Doherty, M.D., FCCP
Secretary/Treasurer-National Lung Health Education Program
Professor of Medicine
Lexington VAMC/University of Kentucky
Lexington, Kentucky

"THE ROLE OF VASCULAR INJURY IN CHRONIC ALLOGRAFT REJECTION"

Jordan Stuart Pober, M.D., Ph.D.
Bayer Professor of Translational Medicine
Director, Human and Translational Immunology Program
Vice-Chair, Department of Immunobiology for the Section
of Human and Translational Immunology
Yale University School of Medicine
New Haven, Connecticut

[Sponsored by the National Lung Health Education Program]

8:40-9:00 AM

Discussion

9:00-9:15 AM

INHIBITION OF CCN2 AMELIORATES FIBROSIS IN ORTHOTOPIC TRACHEA TRANSPLANTATION. Yu-Chun Lin*, X. Jiang, M. Nicolls, Division of Pulmonary and Critical Care, Stanford University/VA Palo Alto Health Care System, Palo Alto, CA.

9:15-9:30 AM

ENDOTHELIAL HIF-2α DEFICIENCY DISRUPTS AIRWAY MICROVASCULAR STRUCTURE AND IMPAIRS THE REPAIR OF VESSELS OF TRANSPLANTED AIRWAYS. Xinguo Jiang*, W. Tian, A.B. Tu, M.R. Nicolls, VA Palo Alto Health Care System, Palo Alto, CA and Stanford University School of Medicine, Stanford, CA.

9:30-10:00 AM

......Coffee Break (for conference participants)
Thursday, June 9, 2016 – Morning - continued

Allo and Autoimmunity in Allograft Rejection: Moderator – Norbert Voelkel, M.D.

Introduction of David Sachs, M.D. by Mark Nicolls, M.D.

10:00-10:35 AM PARKER B. FRANCIS LECTURESHIP

"IMMUNE TOLERANCE, XENOGRAFTS AND LARGE ANIMAL STUDIES IN TRANSPLANTATION”

David H. Sachs, M.D.
Professor of Surgery
Columbia Center for Translational Immunology
Columbia University Medical Center
New York, New York

10:35-11:00 AM Discussion

11:00-11:15 AM MURINE B1-B CELLS INNATELY RECOGNIZE COLLAGEN TYPE V AS DANGER MARKER. Lorenzo Zaffiri*, K. Rothhaar, E.A. Mickler, A.J. Fisher, R. Stearman, M. Geraci, D.S. Wilkes, Indiana University, School of Medicine, Indianapolis IN.

11:15-11:30 AM IFN-γ AND CONTACT-DEPENDENT CYTOTOXICITY ARE RATE-LIMITING FOR NK CELLS IN A MODEL OF ANTIBODY-MEDIATED CHRONIC REJECTION. Christine M. Lin¹*, R.J. Plenter², R.G. Gill³, ¹,²University of Colorado, Denver, Anschutz Medical Campus, Department of Medicine, Division of Pulmonary Sciences and Critical Care Medicine, Aurora, CO; ³University of Colorado, Denver, Anschutz Medical Campus, Department of Surgery, Aurora, CO.

12:00-3:00 PM Picnic – T Lazy 7 - The Ranch (for conference participants and their family)
Friday, June 10, 2016 -- Morning

Immune Monitoring, Airway Injury and Fibrosis: Moderator – Abigail Lara, M.D.

8:00-8:35 AM  STATE OF THE ART
Souheil El-Chemaly, M.D., MPH
Brigham and Women’s Hospital/Harvard Medical School
“Lymphatics in Lung Allograft Rejection”

8:35-9:00 AM  Discussion

9:00-9:15 AM  INDUCTION OF THE PRO-INFLAMMATORY UBIQUITIN E3 LIGASE SUBUNIT, FBXO3, IN LUNG ALLOGRAFT REJECTION AND THERAPEUTIC TARGETING USING A NOVEL SMALL MOLECULE INHIBITOR, BC-1261. T.A. Coon, E.A. Lendermon, R.K. Mallampalli, B.B. Chen, John F. McDyer*, Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA.

9:15-9:30 AM  CISTROME-BASED COOPERATION BETWEEN AIRWAY EPITHELIAL GLUCOCORTICOID RECEPTOR AND NF-kB ORCHESTRATES ANTI-INFLAMMATORY EFFECTS. Vineela Kadiyala¹#, S.K. Sasse¹#, T.L. Phang², A.N. Gerber¹,², National Jewish Health, Denver, CO; ²University of Colorado Anschutz Medical Campus, Aurora, CO. #contributed equally to this work.

9:30-10:00 AM  ......Coffee Break (for conference participants)

Immune Monitoring, Airway Injury and Fibrosis: Moderator – Gregory Downey, M.D.

10:00-10:35 AM  GILES F. FILLEY LECTURE
"MUCOSAL IMMUNITY AND DEFENSE”
Sean P. Colgan, Ph.D.
Levine-Kern Professor of Medicine and Immunology
Director of Mucosal Inflammation Program
Vice Chair for Research, Department of Medicine
Division of Gastroenterology
University of Colorado School of Medicine
Anschutz Medical Campus
Aurora, Colorado

10:35-11:00 AM  Discussion

11:00-11:15AM  CENTRAL ROLE FOR MUCOSAL EPITHELIA IL-10 SIGNALING IN BARRIER RESTITUTION. Jordi M. Lanis*, E.E. Alexeev, D.J. Kao, L. Zheng, V.F. Curtis, D.A. Kitzenberg, K. Schwisow, D.J. Kominsky, S.P. Colgan, Mucosal Inflammation Program, Department of Medicine, University of Colorado Anschutz Medical Campus, Aurora, CO; Department of Microbiology and Immunology, Montana State University, Bozeman, MT.

11:15-11:30 AM  REGULATION OF MUCOSAL BARRIER FUNCTION BY MICROBIOTA- DERIVED TRYPTOPHAN METABOLITES. Erica E. Alexeev¹*, J.M. Lanis¹, K.D. Schwisow¹, D.J. Kominsky², S.P. Colgan¹, Department of Medicine, University of Colorado, Anschutz Medical Campus, Aurora, CO; ²Department of Microbiology and Immunology, Montana State University, Bozeman, MT.

11:30-1:30 PM  ......Lunch (lunch not provided by conference)
Friday, June 10, 2016 -- Afternoon

**Immune Monitoring, Airway Injury and Fibrosis: Moderator – Christine Lin, M.D.**

1:30-2:05 AM  **STATE OF THE ART**  
Iwijn De Vlaminck, Ph.D.  
Cornell University  
“Cell Free DNA as a Marker of Acute Rejection and Virome Changes in Lung Transplantation”

2:05-2:30 PM  Discussion

2:30-2:45 PM  **GENE EXPRESSION PROFILING OF BRONCHOALVEOLAR LAVAGE CELLS PRECEDING A CLINICAL DIAGNOSIS OF CHRONIC LUNG ALLOGRAFT DYSFUNCTION.** S. Samuel Weigt*, X. Wang, V. Palchevskiy, N. Patel, A. Derhovanessian, M.Y. Shino, D.M. Sayah, A.L. Gregson, J.P. Lynch III, R. Saggar, D.J. Ross, A. Ardehali, D. Elashoff, J.A. Belperio; 1Department of Medicine, David Geffen School of Medicine, University of California, Los Angeles, CA; 2Department of Surgery, David Geffen School of Medicine, University of California, Los Angeles, CA.

2:45-3:00 PM  **STRATIFICATION OF CHRONIC LUNG ALLOGRAFT DYSFUNCTION PHENOTYPES USING PROTEOMIC PROFILING OF BAL-FLUID.** Natalia Smirnova*, H.B. Schiller, N. Kneidinger, J. Behr, M. Mann, O. Eickelberg; 1Comprehensive Pneumology Center, University Hospital of the Ludwig-Maximilians-University Munich and Helmholtz Zentrum München, Member of the German Center for Lung Research (DZL), Munich, Germany; 2Department of Proteomics and Signal Transduction, Max Planck Institute of Biochemistry, Martinsried, Germany; 3Department of Internal Medicine V, Comprehensive Pneumology Center, Comprehensive Pneumology Center Munich (CPC-M); University of Munich, Munich, Germany, Member of the German Center for Lung Research (DZL).

3:00-3:30 PM  ......Break (for conference participants)

**Immune Monitoring, Airway Injury and Fibrosis: Moderator – Irina Petrace, M.D.**

3:30-4:05 PM  **REUBEN M. CHERNIACK LECTURE**  
“ACTIVATION OF EPITHELIAL STEM CELLS AND REGENERATIVE PATHWAYS AFTER MAJOR LUNG INJURY”  
Harold A. Chapman, M.D.  
Professor of Medicine  
Division of Pulmonary and Critical Care Medicine  
University of California, San Francisco  
School of Medicine  
San Francisco, California

4:05-4:30 PM  Discussion

4:30-4:45 PM  **REGULATION OF LUNG REPARATIVE PROCESSES BY BIOACTIVE LIPID MEDIATORS.** Tara M. Nordgren*, A.J. Heires, K.L. Bailey, D.J. Romberger; 1VA Nebraska Western Iowa Healthcare System, Omaha, NE; 2University of Nebraska Medical Center, Pulmonary, Critical Care, Sleep and Allergy Division, Omaha, NE.

4:45-5:00 PM  **RECOMBINANT HUMAN CC10 PROTEIN FOR CHRONIC LUNG TRANSPLANT REJECTION.** A. Pilon, Thomas Miller*, A.H. Cohen, 1Therabron Therapeutics, Inc., Rockville, MD; 2Stanford University School of Medicine, Stanford, CA.

5:00-7:00 PM  **POSTER VIEWING – Wine and Cheese Reception**
Saturday, June 11, 2016 -- Morning

**Chronic Lung Allograft Dysfunction: Airway and Parenchymal Fibrosis**: Moderator – Tereza Martinu, M.D.

8:00-8:35 AM **STATE OF THE ART**
John A. Belperio, M.D.
*University of California, Los Angeles*
“Host-Pathogen Interactions and Chronic Lung Allograft Dysfunction”

8:35-9:00 AM **Discussion**

9:00-9:15 AM **STATE OF THE ART**
John A. Belperio, M.D.
*University of California, Los Angeles*
“Host-Pathogen Interactions and Chronic Lung Allograft Dysfunction”

9:15-9:30 AM **MICROHEMORRHAGE-ASSOCIATED TISSUE IRON ENHANCES THE RISK FOR ASPERGILLUS FUMIGATUS INVASION IN TRANSPLANTATION.** Joe L. Hsu1,3*, M. Inayathulla1, A.B. Tu1, K.V. Clemons2,3, X. Jiang1, J. Rajadas3; D.A. Stevens2,3, M.R. Nicolls1,3, 
1VA Palo Alto Health Care System/Stanford University School of Medicine, Stanford, CA; 2California Institute for Medical Research; 3Stanford University School of Medicine, Stanford, CA.

9:30-10:00 AM **LENTIVIRUS IL-10 GENE THERAPY ATTENUATES ACUTE REJECTION AND FEATURES OF CHRONIC LUNG ALLOGRAFT DYSFUNCTION AFTER MURINE ORTHOTOPIC LUNG TRANSPLANTATION.** Hisashi Oishi1*, S.C. Juvet1, T. Martinu1, M. Sato1,2, Z. Guan1, S. Hirayama1, M. Cypel1, D.M. Hwang1, J.A. Medin4, M. Liu1, S. Keshavjee1, 1Latner Thoracic Surgery Research Laboratories, University of Toronto, Toronto, Ontario, Canada; 2Department of Thoracic Surgery, University of Tokyo, Tokyo, Japan; 3Department of Thoracic Surgery, Kobe City Medical Center West Hospital, Kobe, Japan; 4Department of Pediatrics, Medical College of Wisconsin, Milwaukee, WI.

9:30-10:00 AM **Coffee Break (for conference participants)**

**Chronic Lung Allograft Dysfunction: Airway and Parenchymal Fibrosis**: Moderator – Andrew Fontenot, M.D.

10:00-10:35 AM **STATE OF THE ART**
Vibha N. Lama, M.D., M.S.
*University of Michigan Health System*
“Mesenchymal Stem Cells In Lung Fibrosis”

10:35-11:00 AM **Discussion**

11:00-11:15 AM **REGENERATIVE POTENTIAL OF HUMAN AIRWAY STEM CELLS IN LUNG EPITHELIAL ENGINEERING FOR TRANSPLANTATION.** Sarah E. Gilpin*, J.M. Charest, L.F. Tapias, X. Ren, T. Wu, D.E.L. Da Silva, D.J. Mathisen, H.C. Ott, Massachusetts General Hospital, Center for Regenerative Medicine, Boston, MA.

11:15-11:30 AM **CIRCULATING ELASTASE CONFERS A HIGH RISK FOR THE DEVELOPMENT OF BRONCHIOLITIS OBLITERANS SYNDROME.** C.E. Milla, J.M. Zirbes, A. Yacob, L. Tian, R.T. Zamanian, M. Bental-Roof, R. Bland, M. Rabinovitch, G. Dhillon, Mark R. Nicolls*, Stanford University School of Medicine, Stanford, CA.

**Introduction of Conference Summarizer, Sonja Schrepfer, M.D., Ph.D. by Mark Nicolls, M.D.**

11:30-12:30 PM **CONFERENCE SUMMARY**
Sonja Schrepfer, M.D., Ph.D.
Associate Professor of Surgery
Transplant and Stem Cell Immunobiology (TSI) Lab
*University of California, San Francisco*
San Francisco, California

12:30-1:00 PM **Discussion and Adjourn**
POSTER VIEWING - SOCIAL HOUR
Wednesday, June 8, 2016
5:00-7:00 PM

POSTERS - Clinical

EFFECT OF LUNG ALLOCATION BY PRIORITIZING ON ABO COMPATIBILITY. J.J. Mooney, L. Chhatwani, Gundeep S. Dhillon*, Department of Medicine, Stanford University, Stanford, CA.

ETHNICITY AND WAITLIST OUTCOMES IN LUNG TRANSPLANT CANDIDATES. J.J Mooney, H. Hedlin, P. Mohabir, Gundeep S. Dhillon*, Department of Medicine, Stanford University, Stanford, CA.

CIRCULATING NITRIC OXIDE BIOACTIVITY AND LUNG INJURY AFTER BRAIN DEATH. Maroun Matta*, A. Aldamouk, L. Zhu, R. Schilz, R.J. Folz, J.S. Stamler, J. D. Reynolds, Institute for Transformative Molecular Medicine, Departments of Medicine and Anesthesiology, University Hospital Case Medical Center, Case Western Reserve University Hospital, Cleveland, OH.

UNCONTROLLED DCD WITH PROLONGED EX VIVO LUNG PERFUSION (EVLP): A FEASIBLE MODEL FOR DONOR LUNG RECOVERY AND ALLOCATION. John R. Spratt*, L.M. Mattison, P. Iaizzo, T. Iles, M.I. Hertz, G. Loor, University of Minnesota Departments of Surgery and Medicine (Pulmonology), Minneapolis, MN.


MEDICAL COMORBIDITIES OF UNCONTROLLED DONATION AFTER CIRCULATORY DETERMINATION OF DEATH DONORS (uDCDDs): IMPACT ON THE SIZE OF THE PULMONARY DONOR POOL. Thomas Egan*, N. Casey2, C. Thys2, 1University of Carolina at Chapel Hill, Chapel Hill, NC; 2Carolina Donor Services, Durham, NC.

STAKEHOLDERS IN THE PROCESS OF LUNG RECOVERY FROM UNCONTROLLED DONATION AFTER CIRCULATORY DETERMINATION OF DEATH DONORS (uDCDDs). Thomas Egan1*, J. Requard IIF, 1University of Carolina at Chapel Hill, Chapel Hill, NC; 2Lung Banks of America, Chapel Hill, NC.

IMATINIB PROTECTS AGAINST ISCHEMIA-REPERFUSION INJURY IN AN EX VIVO RABBIT MODEL OF PRIMARY GRAFT DYSFUNCTION. J.T. Magruder1, J.C. Grimm1, L. Santhanam3, R.S. Stephens2, D.E. Berkowitz2, L. Johnston2, R.L. Damico2, P.M. Hassoun2, A.S. Shah1, Bo Kim2*, 1Division of Cardiac Surgery, Johns Hopkins University School of Medicine, Baltimore, MD; 2Division of Pulmonary and Critical Care Medicine, Johns Hopkins University School of Medicine, Baltimore, MD; 3Department of Anesthesiology, Johns Hopkins University School of Medicine, Baltimore, MD.

INTRAVENOUS IMMUNE GLOBULIN (IVIg) MONOTHERAPY FOR PRE-EXISTING AND DE-NOVO DONOR-SPECIFIC ANTIBODY (DSA) AFTER LUNG TRANSPLANTATION (LTX). Reda E. Girgis1,2*, J.A. Gerlach2, S. Jansma1, E. Beuker1, M. Strueber1,2, 1Richard DeVos Heart and Lung Transplant Program, Spectrum Health, Grand Rapids, MI; 2Michigan State University College of Human Medicine, East Lansing and Grand Rapids, MI.
POSTER VIEWING – Wine and Cheese Reception
Friday, June 10, 2016
5:00-7:00 PM

POSTERS – Clinical/Basic Science


EFFECT OF CONTINUED TREATMENT WITH PIRFENIDONE FOLLOWING A ≥10% RELATIVE DECLINE IN PERCENT PREDICTED FORCED VITAL CAPACITY IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS (IPF). S.D. Nathan1, C. Albera2, U. Costabel3, I. Glaspole4, Marilyn K. Glassberg5*, L. Lancaster6, D.J. Lederer7, C.A. Pereira8, J.J. Swigris9, B.-M. Day10, W. Chou10, A.U. Wells11, 1Inova Fairfax Hospital, Falls Church, VA; 2University of Turin, Italy; 3Ruhrlandklinik, Essen, Germany; 4Alfred Hospital, Melbourne, Australia; 5University of Miami Miller School of Medicine, Miami, FL; 6Vanderbilt University Medical Center, Nashville, TN; 7Columbia University Medical Center, New York, NY; 8Paulista School of Medicine, Federal University of São Paulo, Brazil; 9National Jewish Health, Denver, CO; 10Genentech, Inc., South San Francisco, CA; 11Royal Brompton Hospital, London, UK.

SPASTIC ESOPHAGEAL MOTILITy DISORDERS IN POST-LUNG TRANSPLANT PATIENTS. K. Regalia1, A. Sweatt2, Laveena Chhatwani2*, J. Mooney3, G. Dhillon2, L. Nguyen1, 1Stanford University Division of Gastroenterology, Stanford, CA; 2Stanford University Division of Pulmonary and Critical Care Medicine, Stanford, CA.

COMBINED LUNG-LIVER TRANSPLANTATION: AN UPDATED SRTR ANALYSIS. Shravani Pasupneti*, J.J. Mooney, G. Dhillon, Division of Pulmonary and Critical Care Medicine, Stanford University Medical Center, Stanford, CA.

PULMONARY COMPLICATIONS OF STEVENS JOHNSON SYNDROME: A SINGLE CENTER EXPERIENCE. Deborah R. Liptzin*, J.G. Morelli, J.P. Weinman, M.E. Kroehl, R.R. Deterding, University of Colorado School of Medicine, Children’s Hospital Colorado, Aurora, CO.

USING CLINICAL QUANTITATIVE CT TO IMPROVE DIAGNOSIS OF BRONCHIOLITIS OBLITERANS SYNDROME. Deborah R. Liptzin*, E.M. DeBoer, M.E. Kroehl, R.H. Giller, J.P. Weinman, University of Colorado School of Medicine, Children’s Hospital Colorado, Aurora, CO.

IL-10 – IN NEED FOR INNOVATIVE TECHNOLOGIES TO HARNESS THIS MOST POWERFUL ENDOGENOUS IMMUNE-SUPPRESSOR FOR REPAIR AND REGENERATION IN THE LUNGS. N. Durmus, B. Bleck, J. Reibman, Gabriele Grunig*, New York University Langone Medical Center, New York, NY.

FGF2 OVEREXPRESSION DECREASES BLEOMYCIN-INDUCED PULMONARY FIBROSIS. Robert D. Guzy1,2*, L. Li1, S. Clivik1, S. House2, D.M. Ornitz2, 1Department of Internal Medicine, Section of Pulmonary and Critical Care, The University of Chicago, Chicago, IL; 2Division of Emergency Medicine, Washington University School of Medicine, St. Louis, MO; 1Department of Developmental Biology, Washington University School of Medicine, St. Louis, MO.
THE INFLUENCE OF ENPP1 EXPRESSION IN MUCOSAL TISSUES. Valerie F. Curtis*, K. Schwisow, J.S. Lee, S.P. Colgan, Mucosal Inflammation Program, Department of Medicine, University of Colorado Anschutz Medical Campus, Aurora, CO.

HIGH-ENERGY PHOSPHATES AND MUCOSAL INFLAMMATION. J. Scott Lee*, B.C. Tooker, L.E. Glover, S.P. Colgan, University of Colorado Anschutz Medical Campus, Mucosal Inflammation Program and Department of Medicine, Aurora, CO.

ORTHOTOPIC LUNG TRANSPLANTATION IN A SINGLE-MISMATCH-BASED MOUSE MODEL SHOWS SIGNS OF CHRONIC LUNG ALLOGRAFT DYSFUNCTION (CLAD). Natalie Smirnova*, T. Conlon, A.O. Yildirim, O. Eickelberg, Comprehensive Pneumology Center, University Hospital of the Ludwig-Maximilians-University Munich and Helmholtz Zentrum München, Member of the German Center for Lung Research (DZL), Munich, Germany.

GENE EXPRESSION PROFILES, MUC5B GENOTYPE, AND ASYMPTOMATIC FIBROTIC INTERSTITIAL LUNG DISEASE IN AN AT-RISK COHORT. Susan K. Mathai1*, A.D. Walts3, J. Powers1, D. A. Lynch2, J.H. Chung2, K.S. Smith1, J. Woodward1, J.E. Loyd3, K.K. Brown3, M.P. Steele3, M.I. Schwartz1, T.E. Fingerlin2, I.V. Yang1, D.A. Schwartz1, 1University of Colorado Denver, Anschutz Medical Campus, Division of Pulmonary Sciences and Critical Care Medicine and the Department of Medicine Aurora, CO; 2National Jewish Health, Denver, CO; 3Vanderbilt University School of Medicine, Division of Pulmonary and Critical Care Medicine, Nashville, TN.

THE INVOLVEMENT OF MUC5B IN HONEYCOMB CYST FORMATION PROVOKED BY INFLUENZA. Jonathan S. Kurche*, J.P. Huber, L.A. Warg, C.M. Evans, D.A. Schwartz, Division of Pulmonary Sciences and Critical Care Medicine, Department of Medicine, University of Colorado, Anschutz Medical Campus, Aurora, CO.

COORDINATED IMMUNE ACTIVATION BY DISTINCT MONONUCLEAR PHAGOCYTES SUBTYPES AGAINST THE MISMATCH OF MINOR ANTIGENS. S.M. Atif4, S.L. Gibbings1, R.G. Gill2, K.M. Murphy3,4, T. J. Grazia5, R. Torres5, P.M. Henson1,5, G.J. Randolph3, Claudia Jakubzick1,5*, 1Department of Pediatrics, National Jewish Health, Denver, CO; 2Department of Biomedical Research, National Jewish Health, Denver, CO; 3Department of Pathology and Immunology, Washington University School of Medicine, St. Louis, MO; 4Howard Hughes Medical Institute; 5Department of Immunology and Microbiology, University of Colorado Anschutz Medical Campus, Aurora, CO.

EARLY GRAFT INJURY MEASURED BY DONOR-DERIVED CELL-FREE DNA PREDICTS EARLY MORTALITY IN LUNG TRANSPLANT RECIPIENTS. Sean Agbor-Enoh1,2,6,*, I. De Vlaminck1, J. Oren2,6, P. Shah2,6, A. Jackson2,6, I. Timoftie4,6, A. Iacono1,6, S. Nathan1,5 GRAFT Investigators, K. Patel1, K. Khush2, H. Valantine4, 1National Heart, Lung, & Blood Institute, 2The Johns Hopkins School of Medicine, 3Cornell University, 4University of Maryland Medical Center, 5INova Fairfax Hospital, 6Genomic Research Alliance for Transplantation, 7Stanford University.

VALIDATION (REPRODUCIBILITY) OF GENOMIC DATA USING STANDARDS-CELL FREE DNA TO MONITOR GRAFT INJURY. Sean Agbor-Enoh1,2,6,*, I. Tunc1, J. Zhu1, X. Wang1, U. Fidel1,5, K. Cuttin1,5, K. Bhatti1,5, A. Jackson2,5, G. Graninger2, B. Harper3, M.A. Solomon3, H. Luikart3, GRAFT Investigators, I. De Vlaminck1, K. Khush1, H.A. Valantine1,5 1National Heart, Lung & Blood Institute, 2The Johns Hopkins University, 3Clinical Center, National Institutes of Health, 4Stanford University, 5Genomic Research Alliance for Transplantation.