

S. Samuel Weigt, M.D., M.S.

DATE OF PREPARATION

January 4, 2016

CONTACT INFORMATION

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Research Team Manager - Eileen Callahan: (310) 794-2466

UCLA Lung and Heart-Lung Transplant Program
Lung Transplant Coordinators: (310) 825-6068

EDUCATION

Bachelor of Science in Combined Sciences, Santa Clara University	1993 - 1997
Medical Doctorate, Creighton University School of Medicine	1997 – 2001
Master of Science in Clinical Research, UCLA	2005 – 2008

TRAINEESHIP

Internship, Department of Medicine, UCLA Medical Center	2001 – 2002
Residency, Department of Medicine, UCLA Medical Center	2002 – 2004
Fellowship, Pulmonary and Critical Care, UCLA Medical Center	2004 – 2007
Research Fellowship (T32 HL072752), UCLA STAR Program	2005 – 2007

ACADEMIC AND PROGRAMATIC APPOINTMENTS

Clinical Instructor of Medicine David Geffen School of Medicine at UCLA	2007 – 2009
Assistant Professor of Medicine David Geffen School of Medicine at UCLA	2009 –
Director, UCLA Interstitial Lung Disease Center UCLA Health, Division of Pulmonary Medicine	2015 –

BOARD QUALIFICATIONS AND CERTIFICATIONS

Internal Medicine, American Board of Internal Medicine	2004
Pulmonary Disease, American Board of Internal Medicine	2006
Critical Care Medicine, American Board of Internal Medicine	2008

LICENSURE

California A82871

PROFESSIONAL ACTIVITIES

Member, American College of Chest Physicians
Member, American Thoracic Society
Member, International Society of Heart and Lung Transplantation
Reviewer, American Journal of Transplantation
Member, ISHLT expert fungal panel
Member, UCLA CTRC SAC
UC CAI Study section
CTOT Publications Committee

HONORS AND AWARDS

Alpha Omega Alpha	2001
Young Investigator Award; ACCP Research Fellows' Conference	2006
Fellow Teaching Award nomination	2007
DOM Junior Faculty Research Award, 3 rd place	2007
DOM Junior Faculty Research Award, 3 rd place	2010
DOM Junior Faculty Research Award, 3 rd place	2011

RESEARCH SUPPORT

T32 HL072752 (Strieter/Dubinett) 7/1/2005-6/30/2008

NIH/NHLBI

Pulmonary and Critical Care Medicine Training Program

This training grant aims to train postdoctoral scientists pursuing either basic science or translational research in the field pulmonary diseases and critical care medicine, preparing them for scientific careers in academia.

Role: Trainee

NIH Loan Repayment Award (Weigt) 7/1/2009-6/30/2016

Clinical Risk Factors and Biologic Mechanisms of Poor Outcomes Post-Lung Transplant

This study examines lung transplant outcomes and the clinical predictors and biologic mechanisms that determine these outcomes.

Role: PI

K23 KHL094746 (Weigt) 7/1/2009-6/30/2014

NIH/NHLBI

The Role of Aspergillus in the Pathogenesis of Bronchiolitis Obliterans Syndrome

This study examines the efficacy of fungal prophylaxis in preventing Aspergillus colonization and Bronchiolitis Obliterans Syndrome, as well as explores mechanisms.

Role: PI

Clinical/Translational Seed Grant (Weigt) 5/1/2010-6/30/2011
Oppenheimer Program

YKL-40: A Potential Marker of Early Lung Allograft Airways Pathology and the Development of Bronchiolitis Obliterans Syndrome

This study examined the association between protein levels of YKL-40 in the lung and the development of early and late airways disease after lung transplant.

Role: PI

Investigator Initiated Award (Palmer/Weigt) 9/01/143– 8/30/15
Gilead Sciences, Inc

Inhaled Aztreonam for the Treatment of Bronchiolitis Obliterans Syndrome

This investigator initiated clinical trial explored the potential role for inhaled Aztreonam for the treatment of Bronchiolitis Obliterans Syndrome after lung transplantation.

Role: PI (UCLA site)

CIRM IT1-06570 (Gomperts) 1/1/2014-12/31/2015
California Institute of Regenerative Medicine: Tissue Collection for Disease

Modeling

Using human induced pluripotent stem cells to improve our understanding of Idiopathic Pulmonary Fibrosis

The goal of this study is to developed a large biorepository of reprogramed PBMC's into iPSC's in order to develop a high throughput model of IPF

Role: Co-investigator

CTOT 23 (1U01AI113315-1) (Palmer) 7/1/2014-6/30/2021
NIH/NIAID

Lung Transplant Clinical Trials Network

This is a multicenter study with 2 projects. The first is a lung transplant observational cohort study and biorepository to study the clinical risk factors and biologic mechanisms for chronic lung allograft dysfunction. The 2nd is a clinical trial of polyfunctional T-cell CMV immunity testing to guide duration of CMV prophylaxis.

Role: Co-PI (UCLA site)

HL123477 (Kim) 7/1/2015- 6/30/2017
NIH/NHLBI

Prediction of IPF Progression Using Imaging Patterns

Objectives are centered on using preexisting datasets to develop clinically meaningful models that anticipate disease course in patients with IPF.

Role: Co-investigator

5 U01 AI063594-12 (Belperio) 7/1/2015 – 6/30/2016
NIH/NIAID

CTOT 23 Ancillary Study: Gene Expression Profiles from the Bronchoalveolar Fluid Cell Pellet in the Continuum of Acute Rejection and Lymphocytic Bronchiolitis to Chronic Lung Allograft Dysfunction

This study compliments the goals of CTOT 23. It will study the relationship between the bronchoalveolar cell pellet transcriptome and the development of CLAD.

Role: Co-PI

INVITED PRESENTATIONS

- Pulmonary Grand Rounds: *The Role of Infections in the Development of Bronchiolitis Obliterans syndrome* 5/9/2008
David Geffen School of Medicine at UCLA, Los Angeles CA
- Pulmonary Grand Rounds: *Molds and Colds; Modern Trolls of Lung Transplantation* 2/4/2011
David Geffen School of Medicine at UCLA, Los Angeles CA
- International Society of Heart and Lung Transplantation Annual Meeting; Satellite Symposium: *Of Mycelia in Transplantation* 4/20/2011
San Diego CA
- Pulmonary Grand Rounds: *Aspergillus and Lung Transplant; When is Colonization More than Just Colonization?* 2/24/2012
David Geffen School of Medicine at UCLA, Los Angeles CA
- Department of Medicine Research Day: *Aspergillosis after Lung Transplant* 10/6/2012
David Geffen School of Medicine at UCLA, Los Angeles CA
- Department of Medicine Grand Rounds: *Aspergillus and Chronic Lung Allograft Dysfunction: A Novel Paradigm for the Pathogenesis of Chronic "Rejection" After Lung Transplantation.* 4/10/2013
David Geffen School of Medicine at UCLA, Los Angeles CA
- American Thoracic Society International Meeting; *An Overview of Infection's Role in BOS Pathogenesis Post Lung Transplantation.* 5/22/2013
Philadelphia PA
- American Thoracic Society International Meeting; *Impact of Infections on Chronic Lung Allograft Dysfunction.* 5/18/2014
San Diego, CA

PUBLICATIONS/BIBLIOGRAPHY

RESEARCH PAPERS

RESEARCH PAPERS (PEER REVIEWED)

A. RESEARCH PAPERS – PEER REVIEWED

1. Keane MP, Gomperts BN, Weigt S, Xue YY, Burdick MD, Nakamura H, Zisman DA, Ardehali A, Sagggar R, Lynch JP 3rd, Hogaboam C, Kunkel SL, Lukacs NW, Ross DJ, Grusby MJ, Strieter RM, Belperio JA. *IL-13 is pivotal in the fibro-obliterative process of bronchiolitis obliterans syndrome.* J Immunol. 2007 Jan 1; 178(1):511-9
2. Gregson AL, Hoji A, Sagggar R, Ross DJ, Kubak BM, Jamieson BD, Weigt SS, Lynch III JP, Ardehali A, Belperio JA, Yang OO. *Bronchoalveolar immunologic*

- profile of acute human lung transplant allograft rejection*. *Transplantation*. 2008 Apr 15;85(7):1056-9.
3. Weigt SS, Elashoff RM, Keane MP, Strieter RM, Gomperts BN, Xue YY, Ardehali A, Gregson AL, Kubak B, Fishbein MC, Sagggar R, Ross DJ, Lynch III JP, Zisman DA, Belperio JA. *Altered Levels of CC Chemokines During Pulmonary CMV Predict BOS and Mortality Post-Lung Transplantation*. *Am J Transplant*. 2008 Jul;8(7):1512-22.
 4. Sagggar R, Ross DJ, Sagggar R, Zisman DA, Gregson A, Lynch JP 3rd, Keane MP, Weigt SS, Ardehali A, Kubak B, Lai C, Elashoff D, Fishbein MC, Wallace WD, Belperio JA. *Pulmonary Hypertension Associated with Lung Transplantation Obliterative Bronchiolitis and Vascular Remodeling of the Allograft*. *Am J Transplant*. 2008 Sep;8(9):1921-30
 5. Weigt SS, Abrazado M, Kleerup EC, Tashkin DP, Cooper CB. *Time Course and Degree of Hyperinflation with Metronome-Paced Tachypnea in COPD*. *COPD*. 2008 Oct;5(5):298-304.
 6. Belperio JA, Weigt SS, Fishbein MC, Lynch JP 3rd. *Chronic Lung Allograft Rejection: Mechanisms and Therapy*. *Proc Am Thorac Soc*. 2009 Jan 15;6(1):108-21.
 7. Busuttill A, Weigt SS, Keane MP, Xue YY, Palchevsky V, Burdick MD, Huang C, Zisman DA, Fishbein M, Lynch JP, Strieter RM, Elashoff RM, Belperio JA. *CXCR3 Ligands are Augmented During the Pathogenesis of Pulmonary Sarcoidosis*. *Eur Respir J*. 2009 Apr 22.
 8. Weigt SS, Elashoff RM, Huang C, Ardehali A, Gregson AL, Kubak B, Fishbein MC, Sagggar R, Keane MP, Sagggar R, Lynch III JP, Zisman DA, Ross DJ, Belperio JA. *Aspergillus Colonization of the Lung Allograft is a Risk Factor for Bronchiolitis Obliterans Syndrome*. *Am J Transplant*. 2009 May 13.
 9. Nickerson DW, Presson AP, Weigt SS, Gregson AL, Belperio JA, Gomperts BN. *Quantification of Cytokeratin 5 mRNA Expression in the Circulation of Healthy Human Subjects and After Lung Transplantation*. *PLoS One*. 2009 June 16;4(6):e5925.
 10. Sagggar R, Shapiro SS, Ross DJ, Fishbein MC, Zisman DA, Lynch JP 3rd, Weigt SS, Ardehali A, Belperio JA, Sagggar R. *Treprostinil to reverse pulmonary hypertension associated with idiopathic pulmonary fibrosis as a bridge to single-lung transplantation*. *J Heart Lung Transplant*. 2009 Sep;28(9):964-7.
 11. Wang TF, Wang T, Altman R, Eshaghian P, Lynch JP 3rd, Ross DJ, Belperio JA, Weigt SS, Sagggar R, Gregson A, Kubak B, Sagggar R. *Periostitis Secondary to Prolonged Voriconazole Therapy in Lung Transplant Recipients*. *Am J Transplant*. 2009 Oct 21.
 12. Huynh TN, Weigt SS, Belperio JA, Territo M, Keane MP. *Outcome and prognostic indicators of patients with hematopoietic stem cell transplants admitted to the intensive care unit*. *J Transplant*. 2009;2009:917294.

13. Saggar R, Khanna D, Furst DE, Belperio JA, Park GS, Weigt SS, Kubak B, Ardehali A, Derhovanessian A, Clements PJ, Shapiro S, Hunter C, Gregson A, Fishbein MC, Lynch JP 3rd, Ross DJ, Saggar R. *Systemic sclerosis and bilateral lung transplantation: a single center experience*. Eur Respir J. 2010 Mar 29.
14. Gregson AL, Hoji A, Palchevskiy V, Hu S, Weigt SS, Liao E, Derhovanessian A, Saggar R, Song S, Elashoff R, Yang OO, Belperio JA. Gregson AL, Hoji A, Palchevskiy V, Hu S, Weigt SS, Liao E, Derhovanessian A, Saggar R, Song S, Elashoff R, Yang OO, Belperio JA. *Protection against bronchiolitis obliterans syndrome is associated with allograft CCR7+ CD45RA- T regulatory Cells*. PLoS One. 2010 Jun 29;5(6):e11354
15. Saggar R, Khanna D, Furst DE, Shapiro S, Maranian P, Belperio JA, Chauhan N, Clements P, Gorn A, Weigt SS, Ross D, Lynch JP 3rd, Saggar R. *Exercise Pulmonary Hypertension Associated with Systemic Sclerosis: Four Distinct Entities*. Arthritis Rheum. 2010 Aug 18.
16. Palchevskiy V, Hashemi N, Weigt SS, Xue YY, Derhovanessian A, Keane MP, Strieter RM, Fishbein MC, Deng JC, Lynch JP 3rd, Elashoff R, Belperio JA. *Immune Response CC chemokines CCL2 and CCL5 are associated with pulmonary sarcoidosis*. Fibrogenesis Tissue Repair. 2011 Apr 4;4:10.
17. Huang HC* and Weigt SS*, Derhovanessian A, Palchevskiy V, Ardehali A, Saggar R, Saggar R, Kubak B, Gregson A, Ross DJ, Lynch JP 3rd, Elashoff R, Belperio JA. *Non-tuberculous Mycobacterium Infection after Lung Transplantation is Associated with Increased Mortality*. J Heart Lung Transplant. 2011 Jul;30(7):790-8. Epub 2011 Apr 8. *Authors contributed equally.
18. Weigt SS, Derhovanessian A, Liao E, Hu S, Gregson A, Kubak B, Saggar R, Saggar R, Palchevskiy V, Fishvein M, Lynch JP 3rd, Ardehali A, Ross DJ, Wang H, Elashoff R, Belperio JA. *CXCR3 Chemokine Ligands during Respiratory Viral infections Predict Lung Allograft Dysfunction*. Am J Transplant. 2012 Feb;12(2):477-84.
19. Shino MY, Weigt SS, Saggar R, Elashoff D, DerHovanessian A, Gregson AL, Saggar R, Reed EF, Kubak BM, Lynch JP 3rd, Belperio JA, Ardehali A, Ross DJ. *Usefulness of Immune Monitoring in Lung Transplantation Using ATP Production in Activated Lymphocytes*. J Heart Lung Transplant. 2012 Sep;31(9):996-1002.
20. Shino MY, Rabbani S, Belperio JA, Lynch JP III, Weigt SS. *Case Study: Neurofibromatosis-Associated Diffuse Lung Disease*. Semin Respir Crit Care Med. 2012 Oct;33(5):572-5..
21. Huynh TN, Weigt SS, Sugar CA, Shapiro S, Kleerup EC. *Prognostic Factors and Outcomes of Patients with Pulmonary Hypertension Admitted to the Intensive Care Unit*. Journal of Critical Care.
22. Denicola M* and Weigt SS*, Belperio JA, Reed EF, Ross DJ, Wallace WD. *Pathologic Findings in Lung Allografts with Anti-HLA Antibodies*. J Heart Lung Transplant. 2013 Mar;32(3):326-32. *Authors contributed equally.

23. Gregson AL, Wang X, Weigt SS, Palchevskiy V, Lynch JP 3rd, Ross DJ, Kubak BM, Sagggar R, Fishbein MC, Ardehali A, Li G, Elashoff R, Belperio JA. *Interaction between Pseudomonas and CXC Chemokines Increases Risk of BOS and Death in Lung Transplantation.* Am J Respir Crit Care Med. 2013 Mar 1;187(5):518-26.
24. Weigt SS, Finlen Copeland CA, DerHovanessian A, Davis WA, Snyder LD, Gregson AL, Sagggar R, Lynch JP 3rd, Ross DJ, Ardehali A, Elashoff RM, Palmer SM, Belperio JA. *Colonization with Small Conidia Aspergillus Species is Associated with Bronchiolitis Obliterans Syndrome: A Two-Center Validation Study.* Am J Transplant. 2013 Feb 7.
25. Esguerra-Gonzalez A, Ilagan-Honorio M, Fraschilla S, Kehoe P, Lee AJ, Marcarian T, Mayol-Ngo K, Miller PS, Onga J, Rodman B, Ross D, Sommer S, Takayanagi S, Toyama J, Villamor F, Weigt SS, Gawlinski A. *Pain After Lung Transplant: High-Frequency Chest Wall Oscillation vs Chest Physiotherapy.* Am J Crit Care. 2013 Mar;22(2):115-24
26. Albores J, Seki A, Fishbein MC, Abtin F, Lynch JP 3rd, Wang T, Weigt SS. *A Rare Occurrence of Pulmonary Alveolar Proteinosis After Lung Transplantation.* Semin Respir Crit Care Med. 2013 Jun; 34(3):431-8.
27. Shino MY, Weigt SS, Li N, Palchevskiy V, DerHovanessian A, Sagggar R, Sayah D, Gregson AL, Fishbein MC, Ardehali A, Ross DJ, Lynch JP 3rd, Elashoff RM, Belperio JA. *CXCR3 Ligands are Associated with the Continuum of Diffuse Alveolar Damage to Chronic Lung Allograft Dysfunction.* Am J of Resp and Crit Care Med. 2013
28. Yadlapati A, Lynch JP 3rd, Sagggar R, Ross D, Belperio JA, Weigt S, Ardehali A, Grogan T, Yang EH, Aboulhosn J. *Preoperative Cardiac Variables of Diastolic Dysfunction and Clinical Outcomes in Lung Transplant Recipients.* J Transplant. 2013;2013:391620. PMCID: PMC3791796
29. Esguerra-Gonzales A, Ilagan-Honorio M, Kehoe P, Fraschilla S, Lee AJ, Madsen A, Marcarian T, Mayol-Ngo K, Miller PS, Onga J, Rodman B, Ross D, Shameem Z, Nandy K, Toyama J, Sommer S, Tamonang C, Villamor F, Weigt SS, Gawlinski A., *Effect of High-Frequency Chest Wall Oscillation versus Chest physiotherapy on Lung Function After Lung Transplant.* Appl Nurs Res. 2014 Feb;27 (1):59-66
30. Sagggar R, Khanna D, Vaidya A, Derhovanessian A, Maranian P, Duffy E, Belperio JA, Weigt SS, Dua S, Shapiro SS, Goldin JG, Abtin F, Lynch JP 3rd, Ross DJ, Forfia PR, Sagggar R. *Changes in Right Heart Haemodynamics and Echocardiographic Function in an Advanced Phenotype of Pulmonary Hypertension and Right Heart Dysfunctions Associated with Pulmonary Fibrosis.* Thorax. 2014 Feb;69(2):123-9.
31. Gregson AL, Wang X, Injean P, Weigt SS, Shino M, Sayah D, DerHovanessian A, Lynch JP 3rd, Ross DJ, Sagggar R, Ardehali A, Li G, Elashoff R, Belperio JA. *Staphylococcus via an Interaction with the ELR+ CXC Chemokine ENA-78 is*

Associated with BOS. Am J Transplant. 2015 Mar;15 (3) 792-9. PMID: PMC 4336208.

32. Gregson AL, Hoji A, Injean P, Poynter ST, Briones C, Palchevskiy V, Weigt SS, Shino M, Derhovanessian A, Sayah D, Sagggar R, Ross DJ, Ardehali A, Lynch JP 3rd, Belperio JA. *Altered Exosomal RNA Profiles in Bronchoalveolar Lavage from Lung Transplants with Acute Rejection*. Am J of Resp and Crit Care Med. 2015 Aug 26. [Epub ahead of print]
33. Derhovanessian A, Weigt SS, Shino MY, Sayah D, Sagggar R, Ross DJ, Ardehali A, Lynch JP, Elashoff RM, Belperio JA. *The Role of TGF-B in the association between primary graft dysfunction and bronchiolitis obliterans syndrome*. Am J Transplantation

B. RESEARCH PAPERS – PEER REVIEWED (IN PRESS)

1. Wallace WD, Li N, Andersen CB, Arrossi AV, Askar M, Berry GJ, DeNicola MM, Neil DA, Pavlisko EN, Reed EF, Rummelink M, Weigt SS, Weynand B, Zhang JQ, Budev MM, and Farve CF. *Banff Study of Pathologic Changes in Lung Allograft Biopsies with Donor Specific Antibodies Journal of Heart and Lung Transplantation*. J Heart Lung Transplant

C. RESEARCH PAPERS – PEER REVIEWED (SUBMITTED)

2. Co-Chairs: Shahid Husain, MD, MS; Orla Morrissey, MD, PhD; Amparo Sole, MD. Task Force Chairs: *Pediatrics*: Lara Danziger, MD; *Epidemiology*: Dennis Hadjiliadis, MD; *Diagnosis*: Alessandro C. Pasqualotto, MD, PhD; *Prophylaxis*: Daniel Chambers, MBBS, MRCP, FRACP, MD; *Treatment*: Robin Avery, MD; *TDM*: Debbie Marriot, MD; *MCS*: Saima Aslam, MD, MS. Contributing Writers: *Pediatrics*: Christian Benden, MD; *Epidemiology*: Fernanda Silveira, MD, MS; Aimee Zaas, MD, MHS; Kate Gould, MD; *Diagnosis*: Barbara Alexander, MD; Me-Linh Luong, MD; *Prophylaxis*: Paolo Grossi, MD, PhD; Antonio Roman, MD; Sam Weigt, MD; *Treatment*: Victor Monforte, MD; Peter Hopkins, MD; Aric Gregson, MD; *TDM*: Elaine Billaud, MDD, PhD; *MCS*: Patricia Munoz, MD; Jeffery Teuteberg, MD; Savitri Fedson, MD; Andreas Zuckerman, MD. *The 2014 International Society For Heart And Lung Transplantation Guidelins for the Management of Fungal Infections in Mechanical Circulatory Support and Cardiothoracic Organ Transplant Recipients: Executive Summary*. J Heart Lung Transplant.
3. Chambers DC, Grossi P, Roman A, Weigt SS. Antifungal Prophylaxis After Lung Transplantation. J Heart Lung Transplant.
4. Derhovanessian A, Todd JL, Zhang A, Li N, Mayalall A, Finlen Copeland CA, Shino MY, Pavlisko EN, Wallace WD, Gregson A, Ross DJ, Sagggar R, Lynch JP, Belperio JA, Snyder LD, Palmer SM, Weigt SS. Validation and Refinement of Chronic Lung Allograft Dysfunction Phenotypes in Bilateral and Single Lung Recipients. Annals of ATS.
5. Allyn PR, Duffy EL, Humphries RM, Injean P, Weigt SS, Sagggar R, Lynch JP 3rd, Ardehali A, Belperio JA, Tseng C, Ross DJ, and Gregson AL. *Graft Death*

and CLAD Onset is Hastened by Viral Pneumonia After Lung Transplantation.
Clinical Infectious Diseases.

6. Birjandi S, Palchevskiy V, Xue Y, Nunez S, Kern R, Weigt SS, Lynch JP, Chatila T, Belperio JA. *CD4+CD25hiFoxp3+ Cells Exacerbate Bleomycin Induced Pulmonary Fibrosis.* American Journal of Pathology

RESEARCH PAPERS (NON-PEER REVIEWED)

A. RESEARCH PAPERS – NON-PEER REVIEWED

None.

B. RESEARCH PAPERS – NON-PEER REVIEWED (IN PRESS)

None.

C. RESEARCH PAPERS – NON-PEER REVIEWED (Submitted)

None.

CHAPTERS

1. Weigt SS, Lynch JP III, Langer LR, Fishbein MC. *Lymphoproliferative Disorders Complicating Solid Organ Transplantation*, from Lung and Heart-Lung Transplantation, edited by JP Lynch III and DJ Ross, Published by Taylor & Francis Group, 2006.
2. Lynch JP III, Weigt SS, and Fishbein MC. *Pulmonary Langerhans Cell Histiocytosis and Lymphangiomyomatosis*, from Lung and Heart-Lung Transplantation, edited by JP Lynch III and DJ Ross, Published by Taylor & Francis Group, 2006.

LETTERS TO THE EDITOR

None.

REVIEWS

1. Lynch JP 3rd, Sagggar R, Weigt SS, Ross DJ, Belperio JA. *Overview of lung transplantation and criteria for selection of candidates.* Semin Respir Crit Care Med. 2006 Oct;27(5):441-69.
2. Lynch JP 3rd, Sagggar R, Weigt SS, Zisman DA, White ES. *Usual Interstitial Pneumonia.* Semin Respir Crit Care Med 2006:27
3. Belperio JA, Weigt SS, Fishbein MC, Lynch JP III. *Chronic Lung Allograft Rejection: Mechanisms and Therapy.* Proc Am Thorac Soc. 2009 Jan 15;6(1):108-21.
4. Sagggar R, Lynch JP, Belperio JA, Weigt SS, Derhovanessian A, Gupta S, Sagggar R. *Pulmonary hypertension and lung transplantation.* Semin Respir Crit Care Med. 2010 Apr;31(2):147-60.
5. Weigt SS, Wallace WD, Derhovanessian A, Sagggar R, Sagggar R, Lynch JP, Belperio JA. *Chronic Allograft rejection: Epidemiology, diagnosis, pathogenesis and treatment.* Semin Respir Crit Care Med. 2010 Apr;31(2):189-207.

6. Wang T, Weigt SS, Belperio JA, Lynch JP 3rd. *Immunosuppressive and Cytotoxic Therapy: Pharmacology, Toxicities, and Monitoring*. Semin Respir Crit Care Med. 2011 Jun;32(3):346-70.
7. Weigt SS, Gregson AL, Deng JC, Lynch JP, Belperio, JA. *Respiratory Viral Infections in Hematopoietic Stem Cell And Solid Organ Transplant Recipients*. Semin Respir Crit Care Med 2011 Aug;32(4):471-93.
8. Lynch JP 3rd, Weigt SS, DerHovanessian A, Fishbein MC, Gutierrez A, Belperio JA. *Obliterative (Constrictive) Bronchiolitis*. Semin Respir Crit Care Med. 2012 Oct;33(5):509-32.
9. Clark NM, Lynch JP 3rd, Sayay D, Belperio JA, Fishbein MC, Weigt SS. *DNA Viral Infections Complicating Lung Transplantation*. Semin Respir Crit Care Med. 2013. Jun;34(3):336-51
10. Weigt SS, DerHovanessian A, Wallace WD, Lynch JP 3rd, Belperio JA. *Bronchiolitis Obliterans Syndrome: the Achilles' Heel of Lung Transplantation*. Semin Respir Crit Care Med. 2013;34(3):336-51.
11. Wallace WD, Weigt SS, Farver CF. *Update on Pathology of Antibody-Mediate Rejection in the Lung Allograft*. Curr Opin Organ Transplant. 2014 Jun; 19(3):303-8.
12. Lynch JP 3rd, Sayah DM, Belperio JA, Weigt SS. *Lung Transplantation for Cystic Fibrosis*. Semin Respir Crit Care Med. Semin Respir Crit Care Med. 2015 Apr;36(2):299-320.
13. Lynch JP 3rd, Huynh R, Fishbein M, Sagggar R, Belperio JA, Weigt SS. *Idiopathic Pulmonary Fibrosis (IPF): Epidemiology, Clinical Features, Prognosis, and Management*. Semin Respir Crit Care Med 2016:37

EDITORIALS

None.

PAPERS IN PREPARATION (RESEARCH COMPLETED)

1. Kolaitis NA, Duffy E, Zhang A, Lo M, Torres Barba D, Chen M, Soriano T, Hu J, Nabili V, Sagggar R, Ross DJ, Belperio JA, Elashoff R, Sagggar R, Weigt SS. *Voriconazole, but not Other Azoles, Increase the Risk for Cutaneous Squamous Cell Carcinoma after Lung Transplantation*.

ABSTRACTS

1. H.W. Huang, M.D., S. Weigt, M.D., B. Gomperts, M.D., D. Zisman, M.D., A. Ardehali, M.D., R. Sagggar, M.D., J. Lynch, M.D., B. Kubak, M.D., M. Fishbein, M.D., W. Wallace, M.D., D. Ross, M.D., M. Keane, M.D., J.A. Belperio, M.D. *Possible Role of Untreated Mycobacterium in Acute Lung Allograft Rejection*. American Journal of Respiratory and Critical Care Medicine, Volume 175, Abstracts Issue, April 2007.
2. M.P. Keane, M.D., B. Gomperts, M.D., S. Weigt, M.D., Y.Y. Xue, B.S., A. Derhovanessian, M.D., H.W. Huang, M.D., A. Ardehali, M.D., R. Sagggar, M.D., J.P. Lynch III, M.D., D.J. Ross, M.D., J.A. Belperio, M.D. *Critical Role for STAT6 Signaling during the Fibro-Obliterative Response Involved in Murine*

- Bronchiolitis Obliterans Syndrome*. American Journal of Respiratory and Critical Care Medicine, Volume 175, Abstracts Issue, April 2007.
3. S.S. Weigt, M.D., J.A. Belperio, M.D., H.W. Huang, M.D., M.P. Keane, M.D., R. Beygui, M.D., A. Ardehali, M.D., R. Sagggar, M.D., J.P. Lynch III, M.D., B. Kubak, M.D., M. Fishbein, M.D., W.D. Wallace, M.D., D.J. Ross, M.D. *Potential Role of Sirolimus for the Treatment of Bronchiolitis Obliterans Syndrome*. American Journal of Respiratory and Critical Care Medicine, Volume 175, Abstracts Issue, April 2007.
 4. A. Busuttill, M.D., M.P. Keane, M.D., S. Weigt, M.D., Y.Y. Xue, B.S., D.A. Zisman, M.D., M.D. Burdick, B.S., J.P. Lynch, M.D., R.M. Strieter, M.D., J.A. Belperio, M.D. *Augmented Levels of CXCL9 in Bronchoalveolar Lavage Fluid Is Associated with Sarcoidosis*. American Journal of Respiratory and Critical Care Medicine, Volume 175, Abstracts Issue, April 2007.
 5. M.Y. Shino, M.D., S. Weigt, M.D., R. Sagggar, M.D., E. Reed, Ph.D., J.P. Lynch III, M.D., J.A. Belperio, M.D., A. Ardehali, M.D., D.J. Ross, M.D. *Using Immune Cell Function Assays To Assess the Risk of Infection and Rejection in Lung Transplant Patients*. American Journal of Respiratory and Critical Care Medicine, Volume 177, Abstracts Issue, April 2008.
 6. V. Palchevskiy, Ph.D., M.P. Keane, M.D., S. Weigt, M.D., Y.Y. Xue, B.S., D.A. Zisman, M.D., A. Ardehali, M.D., R. Sagggar, M.D., J.P. Lynch III, M.D., D.J. Ross, M.D., J.A. Belperio, M.D. *Receptors/IL-6 Biology Is Critical for the Fibro-Obliterative Process of Bronchiolitis Obliterans Syndrome*. American Journal of Respiratory and Critical Care Medicine, Volume 177, Abstracts Issue, April 2008.
 7. H.W.C. Huang, M.D., S.S. Weigt, M.D., M.P. Keane, M.D., D. Zisman, M.D., A. Ardehali, M.D., R. Sagggar, M.D., J.P. Lynch III, M.D., B. Kubak, M.D., D.J. Ross, M.D., R. Elashoff, Ph.D., J.A. Belperio, M.D. *Mycobacterium in the Lung Allograft Post-Transplantation Is Associated with Increased Mortality*. American Journal of Respiratory and Critical Care Medicine, Volume 177, Abstracts Issue, April 2008.
 8. S.S. Weigt, M.D., H.W. Huang, M.D., M.P. Keane, M.D., D.A. Zisman, M.D., A. Ardehali, M.D., R. Sagggar, M.D., J.P. Lynch III, M.D., B.M. Kubak, M.D., D.J. Ross, M.D., R.M. Elashoff, M.D., J.A. Belperio, M.D. *Pulmonary Aspergillosis Post-Lung Transplantation Is Associated with Altered BAL CC Chemokine Levels*. American Journal of Respiratory and Critical Care Medicine, Volume 177, Abstracts Issue, April 2008.
 9. D.W. Nickerson, A.P. Presson, Ph.D., S.S. Weigt, M.D., J.A. Belperio, M.D., B.N. Gomperts. *Circulating Epithelial Progenitor Cells May Predict Clinical Outcome after Lung Transplantation*. American Journal of Respiratory and Critical Care Medicine, Volume 177, Abstracts Issue, April 2008.
 10. J.A. Belperio, M.D., H. Nakamura, B.S., Y.Y. Xue, M.D., M. Tenofsky, M.D., S. Weigt, M.D., M.P. Keane, M.D. *Interaction between CXCR3 and IL-13Ralpha2 during Lung Injury and Remodeling*. American Journal of Respiratory and Critical Care Medicine, Volume 177, Abstracts Issue, April 2008.

11. S.S. Weigt, C.-H. Tseng, C. Huang, D.J. Ross, R. Sagggar, R. Sagggar, J.P. Lynch, A. Gregson, B.M. Kubak, A. Ardehali, R.M. Elashoff, J.A. Belperio. *The Impact of Aspergillus Colonization on Acute Rejection and Lymphocytic Bronchiolitis in Lung Transplant Patients*. Journal of Heart and Lung Transplantation Abstracts Supplement. February 2009.
12. A. DerHovanessian, M.D., S.S. Weigt, M.D., Y.Y. Xue, B.S., A. Ardehali, M.D., A.L. Gregson, M.D., B. Kubak, M.D., M.C. Fishbein, M.D., R. Sagggar, M.D., R. Sagggar, M.D., D.J. Ross, M.D., J.P. Lynch 3rd, M.D., D.A. Zisman, M.D., R.M. Elashoff, M.D., J.A. Belperio, M.D. *Primary Graft Dysfunction Is Associated with BOS and Survival Following Lung Transplantation*. American Journal of Respiratory and Critical Care Medicine, Volume 179, Abstracts Issue, April 2009.
13. N. Hashemi, MD, S.S. Weigt, MD, Y.Y. Xue, MD, V. Palchevskiy, PhD, C. Huang, MD, D.A. Zisman, MD, M. Fishbein, MD, J.P. Lynch III, MD, R.M. Elashoff, PhD, J.A. Belperio, MD. *Immune Response CC Chemokines, CCL5 and CCL2 Are Associated with Pulmonary Sarcoidosis*. American Journal of Respiratory and Critical Care Medicine, Volume 179, Abstracts Issue, April 2009.
14. V. Palchevskiy, Y.Y. Xue, R. Kern, S.S. Weigt, S. Hu, A. Derhovanessian, S.X. Song, A. Gregson, R. Elashoff, J.P. Lynch, J.A. Belperio. *The Role of CCR4 during the Pathogenesis of Murine Obliterative Bronchiolitis Post-Transplantation*. Journal of Heart and Lung Transplantation Abstracts Supplement. February 2010.
15. T. Marcarian, M. Ilagan, A.J. Lee, A. Esguerra, J. Porter, B. Rodman, F. Villamor, C. Tamonang, K. Mayol-Ngo, A. Madsen, A. Parker, Z. Shameem, A. Richman, M. Mekpongsatorn, S. Madrona, C. Burchette, S. Sommer, P. Miller, P. Kehoe, S. Takayanagi, S. Lackey, J. Onga, S. Weigt, D. Ross, A. Gawlinski. *Effect of High Frequency Chest Wall Oscillation Versus Chest Physiotherapy on Lung Function Post-Lung Transplant: A Pilot Study*. Journal of Heart and Lung Transplantation Abstracts Issue. February 2010.
16. F. Villamor, RN, A.J. Lee, RN, A. Esguerra, RN, M. Ilagan, RN, B. Rodman, RN, K. Mayol-Ngo, RN, C. Tamonang, RN, T. Marcarian, MSN, RN, A. Parker, RN, A. Madsen, RN, Z. Shameem, RN, M. Mekpongsatorn, RN, S. Sommer, RN, C. Burchette, RN, S. Madrona, RN, P. Redfield, RN, A. Richman, RN, J. Porter, MSN, RN, P.S. Miller, PhD, P. Kehoe, PhD, S. Takayanagi, PhD, J. Onga, BSN, RN, S. Lackey, MSN, RN, S.S. Weigt, MD, D.J. Ross, MD, A. Gawlinski, A DNSc, RN. *Comparative Randomized Pilot Study of High Frequency Chest Wall Oscillation versus Chest Physiotherapy after Lung Transplantation*. American Journal of Respiratory and Critical Care Medicine, Volume 181, Abstracts Issue, April 2010.
17. R Sagggar, J.A. Belperio, S Shapiro, S. S. Weigt, J. S. Sager, A. Derhovanessian, D. A. Zisman, J. P. Lynch, R. Sagggar. *A Single Center, Prospective, Open-Label, Pilot Study, Evaluating the Safety and Efficacy of IV/SQ Treprostinil in the Treatment of Pulmonary Hypertension Associated with Advanced Interstitial Lung Disease*. American Journal of Respiratory and Critical Care Medicine, Volume 181, Abstracts Issue, April 2010.

18. T.N. Huynh, S.S. Weigt, S. Shapiro, E.C. Kleerup. *Characteristics and Prognostic Factors of Patients with Pulmonary Hypertension Admitted to the Medical ICU*. American Journal of Respiratory and Critical Care Medicine, Volume 181, Abstracts Issue, April 2010.
19. Vyacheslav Palchevskiy, Ying Ying Xue, Rita Kern, Scott Hu, S. Samuel Weigt, Ariss Derhovanessian, Sophie Song, Aric Gregson, Robert Elashoff, Joseph P. Lynch III, John Belperio. *The Role of CCR4 during the Pathogenesis of Murine Obliterative Bronchiolitis Post-Transplantation*. American Journal of Transplantation, Volume 10, Supplement 4, April 2010.
20. S. Sam Weigt, C. Ashley Finlen Copeland, Ariss Derhovanessian, W. Austin Davis, Laurie D. Snyder, David J. Ross, Abbas Ardehali, Robert M. Elashoff, Scott Palmer, John A. Belperio. *A Multi-Center Validation of Pulmonary Aspergillus fumigatus Colonization as a Risk Factor for Bronchiolitis Obliterans Syndrome after Lung Transplantation*. American Journal of Respiratory and Critical Care Medicine, Volume 183, Abstracts Issue, April 2011.
21. Michael Estes, S. Sam Weigt, Ariss Derhovanessian, Michael Shino, Rajeev Saggarr, Rajan Saggarr, David J. Ross, Abbas Ardehali, Joseph P. Lynch, Robert M. Elashoff, John A. Belperio. *The FEV₁/FVC Ratio Adds to the Prognostic Value of Bronchiolitis Obliterans Syndrome Stage 0-p in Bilateral Lung Transplant Recipients*. American Journal of Respiratory and Critical Care Medicine, Volume 183, Abstracts Issue, April 2011.
22. S.S. Weigt, X. Wang, C.-H. Tseng, A. Derhovanessian, A. Gregson, R. Saggarr, D.J. Ross, A. Ardehali, J.P. Lynch III, R.M. Elashoff, J.A. Belperio. *The Fibroproliferative Chemokine, Eotaxin/CCL11, Is Upregulated in Lung Transplant Recipients Colonized with Aspergillus – A Link to BOS?* Journal of Heart and Lung Transplantation Abstracts Issue. February 2012.
23. M.M. DeNicola, S.S. Weigt, J.A. Belperio, D.J. Ross, W.D. Wallace. *Pathologic Diagnosis of Antibody-Mediated Rejection of the Lung Allograft*. Journal of Heart and Lung Transplantation Abstracts Issue. February 2012.
24. A. Gregson, X. Wang, S. Weigt, R. Elashoff, D. Ross, R. Saggarr, B. Kubak, G. Li, J. Belperio. *Pseudomonas Infection Increases Risk of Death and BOS in Lung Transplant Recipients*. Journal of Heart and Lung Transplantation Abstracts Issue. February 2012.
25. M.Y. Shino, MD, S.S. Weigt, MD, D. Elashoff, PhD, R. Elashoff, PhD, J.P. Lynch, III, MD, J.A. Belperio, MD. *Alteration In Plasma Levels Of Lymphotactin (XCL1) Predicts Outcomes In Patients With Idiopathic Pulmonary Fibrosis*. American Journal of Respiratory and Critical Care Medicine, Volume 185, Meeting Abstracts; May 1, 2012
26. Weigt SS, Wang X, Nunez S, Derhovanessian A, Shino M, Gregson A, Lynch JP, Saggarr R, Ross DJ, Ardehali A, Elashoff R, Belperio JA. *YKL-40 Production is Increased in the Lung during Aspergillus Colonization and BOS after Lung Transplantation*. Journal of Heart and Lung Transplantation Abstracts Issue. February 2013.

27. Hyun J.G. Kim, , Michael Y. Shino, Sam Weigt, John A. Belperio, Matthew S. Brown, Heidi Coy, Jonathan G. Goldin. *Longitudinal Changes Using A Quantitative Lung Fibrosis Score In The Native IPF Lung And Post-Single Lung Transplanted Patients Treated With Immune Suppression*. American Journal of Respiratory and Critical Care Medicine, Volume 189, Meeting Abstracts; May 1, 2014
28. Catherine C. Hooper, Rajeev Sagar, Sam Weigt, Ariss Derhovanessian, Erin L. Duffy, Michelle Lo, David Torres-Barba, Abbas Ardehali, Curtis Hunter, Murray Kwon, John A. Belperio, David Sayah, Michael Y. Shino, Aric Gregson, Bernard Kubak, Joseph P. Lynch, David Ross, Rajan Sagar. *Lung Transplant Outcomes In Systemic Sclerosis: Update On A Single Center Experience*. American Journal of Respiratory and Critical Care Medicine, Volume 189, Meeting Abstracts; May 1, 2014
29. Kolaitis NA, Duffy E, Zhang A, Lo M, Torres Barba D, Chen M, Soriano T, Hu J, Nabili V, Sagar R, Ross DJ, Belperio JA, Elashoff R, Sagar R, Weigt SS. *Voriconazole Antifungal Prophylaxis After Lung Transplantation and Risk of Squamous Cell Carcinoma of the Skin*. American Journal of Respiratory and Critical Care Medicine, Volume 191, Meeting Abstracts; May 1, 2015
30. Huynh RH, Shino MY, Derhovanessian A, Sayah DM, Sagar R, Palchevskiy V, Ardehali A, Ross DJ, Lynch JP III, Weigt SS, Belperio JA. *Th2 Products IL-4 and IL-13 Are Associated with Rapidly Progressive Idiopathic Pulmonary Fibrosis*. American Journal of Respiratory and Critical Care Medicine, Volume 191, Meeting Abstracts; May 1, 2015
31. Finlen Copeland CA, Martissa JA, Frankel CW, Benedetti EC, Callahan E, Ross DJ, Palmer SM, Todd JL, Belperio JA, Snyder LD, Weigt SS. *A Prospective Multicenter Assessment of Aztreonam Lysine for Inhalation in the Treatment of Lung Transplant Recipients with Chronic Lung Allograft Dysfunction*. American Journal of Respiratory and Critical Care Medicine, Volume 191, Meeting Abstracts; May 1, 2015
32. Deepshikha Charan, Scott Hu, Jimmy Johannes, Rajeev Sagar, William Wallace, David Ross, John A. Belperio, Samuel Weigt, Michael Fishbein, Rajan Sagar. *Idiopathic Pulmonary Fibrosis Demonstrates Atypical Explant Pathology in the Setting of Severe Pulmonary Hypertension*. American Journal of Respiratory and Critical Care Medicine, Volume 191, Meeting Abstracts; May 1, 2015