Identifying Data

Name:	**Gundeep S. Dhillon, MD, MPH**
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Complete Academic History

Colleges and Universities Attended

1991	MD, Christian Medical College, Ludhiana, India
2000	MPH (Epidemiology, and Biostatistics), Tulane University, School of Public Health and Tropical Medicine, New Orleans, LA

Internship, Residency, and Fellowship Training

1992-1993	Internship, Transitional Year Program, St. Joseph Mercy Hospital, Pontiac, MI
1993-1996	Residency, Internal Medicine, Wayne State University and Detroit Medical Center, Detroit, MI
1996-2000	Fellowship, Pulmonary and Critical Care Medicine Louisiana State University Health Sciences Center, New Orleans, LA
2005	Fellowship, Heart-Lung and Lung Transplantation Stanford University Medical Center, Stanford, CA

Board Certification

1996	Internal Medicine, American Board of Internal Medicine (ABIM)
1998	Pulmonary Medicine, ABIM
2001	Critical Care Medicine, ABIM

Employment History

12/31/06- Present	Assistant Professor of Medicine Pulmonary and Critical Care Medicine Stanford University Medical Center, Palo Alto, CA

12/31/05-12/30/06	Acting Assistant Professor of Medicine Pulmonary and Critical Care Medicine Stanford University Medical Center, Palo Alto, CA
1/2000-9/2004	Assistant Professor of Clinical Medicine Pulmonary and Critical Care Medicine Louisiana State University, New Orleans, LA
7/2001-9/2004	Staff Physician Pulmonary/Critical Care Medicine and Lung Transplantation Ochsner Clinic Foundation, New Orleans, LA

Public and Professional Service

5/2008-Present	Member, National Lung Review Board, United Network for Organ Sharing
2009	Member, Interdisciplinary Critical Care Professional Practice Evaluation Committee (ICU P-PEC), Stanford University Medical Center
2009	Member, Pulmonary Tx Registries and Database Workforce, International Society for Heart and Lung Transplantation
1999-Present	Member, American Thoracic Society
2005-Present	Member, International Society for Heart and Lung Transplantation

Teaching and Other Post-Degree Activities

Teaching

2007-09	Developed & maintenance Lung & Heart-Lung Transplantation curriculum, Pulmonary & Critical Care Fellowship Program Stanford University Medical Center, Stanford, CA
2006-07	Development of Lung & Heart-Lung Transplantation patient database, Stanford University, Stanford, CA
2002-03	Development of clinical pathway for management of HIV-infected patients presenting with respiratory symptoms, Medical Center of Louisiana, New Orleans
2002-03	Development of database of HIV-infected patients presenting with

respiratory symptoms, Medical Center of Louisiana, New Orleans

Research Activities

2008-09 Estimation of airway tissue hypoxia in lung and heart-lung allografts, and its impact on long term outcomes after lung transplantation.
Role: Principal investigator.
Study type: Investigator-initiated single institution.
Sponsor: Palo Alto Institute of Research Education.
Planned number of subjects: 30
Dates: Aug 2008 – Dec 2009

2008-09 Analysis of United Network for Organ Sharing database to determine regional disparities in allocation of lungs for transplantation.
Role: Principal investigator
Study type: Investigator-initiated single institution.

2007-09 Role of T-cell immunity to subclinical CMV infection in lung allograft function.
Role: Co-Principal Investigator
Study type: Investigator-initiated single institution.
Sponsor: Academic start-up fund
Planned number of subjects: 40

2008-09 PAI-1 Expression after lung transplantation.
Role: Co- Investigator
Study type: Investigator-initiated single institution.
Sponsor: T32 HL007948-04 (PI: Glen Rosen MD, Postdoctoral fellow: R Rampolla-Selles MD)
Planned number of subjects: 100

2009 A Phase-2, Double-Blind, Multicenter, Randomized, Placebo-Controlled Trial Evaluating Fosfomycin/Tobramycin for Inhalation in Patients with Cystic Fibrosis and *Pseudomonas aeruginosa.*
Role: Principal Investigator Site: Stanford University Medical Center
Study type: Industry-initiated multi-institutional trial.
Sponsor: Gilead Sciences, Inc.
Planned number of subjects at Stanford: 10
Planned number of subjects overall: 120

2007-09 A Double Blind, Placebo-Controlled, Multicenter, Dose-Ranging Study of an Anti-T-lymphocyte Immune Globulin (EZ-2053) in the Prophylaxis of Acute Pulmonary Allograft Rejection in Adult Recipients of Primary Pulmonary Allograft(s).
Role: Principal Investigator Site: Stanford University Medical Center

Study type: Industry-initiated multi-institutional trial.
Sponsor: Fresenius Pharmaceuticals
Planned number of subjects at Stanford: 10
Planned number of subjects overall: 240

2006-09 Detection of respiratory viruses in bronchoalveolar lavage fluid and Aspergillus species in bronchoalveolar lavage fluid and peripheral blood by quantitative PCR of patients with solid organ and bone marrow transplants.
Role: Principal Investigator Site: Stanford University Medical Center
Study type: Investigator-initiated single-institution.
Sponsor: Viracor Laboratories
Planned number of subjects at Stanford: 120

2001-2003 Pfizer Biomedical Research Fund, Asthma Care Delivery Project
Role: Co- Investigator Site: Louisiana State University
Study type: Investigator-initiated single institution.
Sponsor: Pfizer Foundation

Bibliographical Information

1. Prakash O, Rodriguez V, Tang Z, Zhou P, Coleman R, **Dhillon GS**, Shellito J, Nelson S. Inhibition of Hematopoietic Progenitor Cell Proliferation by Ethanol in Human Immunodeficiency Type I Tat-Expressing Transgenic Mice. *Alcohol Clin Exp Res*. 2001; 25(3): 450-456.

2. V.G. Valentine, D.E. Taylor, **G.S. Dhillon**, M.T. Knower, P.M. McFadden, D.M. Fuchs, S.P. Kantrow, Success of lung transplantation without surveillance bronchoscopy. *The Journal of Heart and Lung Transplantation* 2002; 21(3): 319-326.

3. DeBoisblanc B, Pellett A, Johnson R, Champagne M, McClarity E, **Dhillon GS**, Levitzky M. Estimation of pulmonary artery occlusion pressure by an artificial neural network. *Crit Care Med*. 2003; 31(1): 261-266.

4. Rizvi K, Deboisblanc BP, Truwit JD, **Dhillon G**, Arroliga A, Fuchs BD, Guntupalli KK, Hite D, Hayden D. NIH/NHLBI ARDS Clinical Trials Network. Effect of airway pressure display on interobserver agreement in the assessment of vascular pressures in patients with acute lung injury and acute respiratory distress syndrome. *Crit Care Med*. 2005; 33(1): 243-244.

5. **Dhillon G**, Doyle R. The New UNOS Lung Transplantation Allocation System. *Advances in Pulmonary Hypertension* 2005; 4(2) 12-13.

6. Bonvillain RW, Valentine VG, Lombard G, LaPlace S, **Dhillon GS**, Wang G. Postoperative Infections in Cystic Fibrosis and Non-cystic Fibrosis Patients after Lung Transplantation. *The Journal of Heart and Lung Transplantation* 2007; 26(9): 890-897.

7. Valentine VG, Bonvillain RW, Lombard GA, LaPlace S, **Dhillon GS**, Wang G. Infections in lung allograft recipients: Ganciclovir era. *The Journal of Heart and Lung Transplantation* 2008; 27(5): 528-535.

8. Gunderson CC, Lopez F, Lombard GA, LaPlace SG, Seoane L, Taylor DE, **Dhillon GS**, Valentine VG. Clostridium difficile colitis in lung transplantation. *Transplant Infectious Disease* 2008; 10(4): 245-51.

9. Valentine VG, Weill D, Gupta MR, Raper B, LaPlace SG, Lombard GA, Bonvillain RW, Taylor DE, **Dhillon GS**. Ganciclovir for cytomegalovirus: a call for indefinite prophylaxis in lung transplant recipients. *The Journal of Heart and Lung Transplantation* 2008; 27(8) 875-81.

10. Valentine VG, Weill D, Lombard G, LaPlace S, Seoane L, Taylor DE, **Dhillon GS**. Single-Institution Study Evaluating the Utility of Surveillance Bronchoscopy Following Lung Transplantation. *The Journal of Heart and Lung Transplantation* 2009; 28(1): 14-20.

11. Valentine VG, Gupta MR, Walker JE, Seoane L, Bonvillain RW, Lombard GA, Weill D, **Dhillon GS**. Effect of Etiology and Timing of Respiratory Tract Infections on the Development of Bronchiolitis Obliterans Syndrome. *The Journal of Heart and Lung Transplantation* 2009; 28(2): 163-9.

12. **Dhillon GS**, Levitt J, Mallidi H, Valentine VG, Gupta MR, Sista R, Weill D. Impact of hepatitis B core antibody donors in lung and heart-lung transplantation: An analysis of UNOS database. *Transplantation* 2009; 88: 842-46.

13. Gupta M, Valentine V, Walker J, Lombard G, LaPlace S, Seoane L, Taylor D, **Dhillon G.** Clinical Spectrum of Gram Positive Infections in Lung Transplantation. *Transpl Infect Dis. 2009 Jul 29. [Epub ahead of print].*

14. Liu V, **Dhillon G**, Weill D. A multi-drug regimen for respiratory syncytial virus and parainfluenza virus infections in adult lung and heart-lung transplant recipients. *Transpl Infect Dis. 2009 Sep 15. [Epub ahead of print].*

15. **Dhillon G**, Valentine VG, Levitt J, Patel P, Rosen E, Gupta MR, Duncan SR, Weill D. Clarithromycin for prevention of Bronchiolitis Obliterans Syndrome in Lung Allograft Recipients. *Chest* 2009 *(in review).*

16. Liu V, Zamora M, **Dhillon G**, Weill D. Increasing Lung Allocation Scores predict worsened survival among lung transplant recipients. *Am J Transplantation 2009 (in review).*

Book Chapters

1. **Dhillon GS,** Kantrow S. Lung Under Stress. In: Ali J, Levitzky M, Summer W (eds.) Pulmonary Pathophysiology. McGraw Hill. 1999, pp. 313-331.

2. **Dhillon GS,** Rizk N. Critical Care and Hematopoietic Stem Cell Recipients. In: Appelbaum F, Forman S, Negrin R, Blume K (eds.) Thomas' Hematopoietic Cell Transplantation 4th ed. Blackwell Publishing. 2009, pp. 1539-50.

Selected Abstracts and Presentations

1. V.G. Valentine, M.T. Knower, D.M. Fuchs, G.S. Dhillon, L. Seoane, D.E. Taylor. Survival of Lung Transplant Recipients with Bronchiolitis Obliterans Syndrome. *Am J Resp Crit Care Med*. 2003; 167(7): A247.

2. L. Seoane, VG Valentine, D.M. Fuchs, M.P. McFadden, G.S. Dhillon. The effect of Daclizumab on Stage 3 Bronchiolitis Obliterans Syndrome. *Am J Resp Crit Care Med*. 2003; 167(7):A614.

3. K. Rizvi, B. deBoisblanc, G. Dhillon, A. Arroliga, B. Fuchs, K. Guntupalli, D. Hite, J. Truwit, NIH/NHLBI ARDS Network. Effect of Airway Pressure Display on Inter-Observer Variability in Assessment of Vascular Pressure in the ARDSnet Fluids and Catheter Treatment Trial (FACTT). *Am J Resp Crit Care Med*. 2003; 167(7): A617.

4. GS Dhillon, VG Valentine, DE Taylor, SG LaPlace, GA Lombard, R Bonvillian, D Weill. Effect of Gram-negative Bacterial Respiratory Infections on Development of Bronchiolitis Obliterans Syndrome. The Journal of Heart and Lung Transplantation. 2007; 26(2): S165.

5. VG Valentine, RW Bonvillain, GA Lombard, SG LaPlace, GS Dhillon, G Wang. Infections in Lung Allograft Recipients: Ganciclovir Era. The Journal of Heart and Lung Transplantation. 2007; 26(2): S221-S222.

6. VG Valentine, D Weill, GA Lombard, SG LaPlace, L Seoane, DE Taylor, GS Dhillon. A Single-Institution Study Evaluating the Utility of Surveillance Bronchoscopy Following Lung Transplantation. Am J Resp Crit Care Med. 2007; 175: A373.

7. Cornelisson, C, Ahlbrand S, Mora-Mongano C, Fujiko M, Oakes D, Dhillon G, Hill C. Does aprotinin affect survival in double-lung and heart-lung transplantation? 2008 30th Annual meeting, Society of Cardiovascular Anesthesia, Vancouver, Canada.

8. Valentine VG, Gupta MR, Walker JE, Lombard GA, Weill D, Dhillon GS. Effect of Etiology and Timing of Respiratory Tract Infections on the Development of Bronchiolitis Obliterans Syndrome after Lung Transplantation. The Journal of Heart and Lung Transplantation. 2008; 27(2): S99.

9. Afshar K, Weill D, Valentine V, Dhillon G. Comparison of Double-Lung and Heart-Lung Transplantation for Pulmonary Hypertension: Analysis of the UNOS Database. The

Journal of Heart and Lung Transplantation. 2009; 28(2): S310-1.

10. Tang D, Mallidi H, Weill D, Reitz B, Robbins R, Dhillon G. ABO Minor Mismatch in Lung Transplantation – An Analysis of the UNOS Database. The Journal of Heart and Lung Transplantation. 2009; 28(2): S69.

11. Valentine V, Raza A, Nishi S, Gupta M, Seoane L, Lombard G, Dhillon G. Determinants of Time to Peak FEV_1 after Lung Transplantation. The Journal of Heart and Lung Transplantation. 2009; 28(2): S107.

12. Mahtosh P, Jenkins P, Rizk N, Dhillon G. Impact of a triage protocol on resource utilization in critically ill BMT recipients. Am J Respir Crit Care Med 179;2009: A5836.

13. Dhillon G, Jiang X, Natarajan R, Sista R, Weill D, van der Starre, Nicolls M. Tissue Hypoxia in Lung transplantation. Am J Respir Crit Care Med 179;2009: A2540.

14. Chen S, Liu L, Dhillon G, Weill D, de Leon V, Lewis D. CMV-specific T-cell Responses in Lung Transplant Patients Using a Monocyte-Derived Dendritic Cell (MDDC) Assay. American Transplant Congress 2009.

15. Chen S, Liu L, Dhillon G, Weill D, de Leon V, Lewis D. Relationship between CMV-specific T-cell immunity and Allograft Rejection in Lung Transplant Patients. IDSA 2009.