

Joanna M. Schaenman, M.D., Ph.D.
Division of Infectious Diseases
David Geffen School of Medicine at UCLA
10833 Le Conte Ave., CHS 37-121
Los Angeles, CA 90095
(310) 825-7225/jschaenman@mednet.ucla.edu

Education

Harvard University, Cambridge, MA
B.A. with Honors in Biochemical Sciences
June 1992

University of Virginia, Charlottesville, VA Ph.D.
in Microbiology
December 1999

University of Virginia, Charlottesville, VA
M.D. (Medical Scientist Training Program)
May 2001

Stanford University School of Medicine, Palo Alto, CA
M.S. in Epidemiology
June 2009

Training

Medicine Residency Program, Department of Medicine
Stanford University School of Medicine, Palo Alto, CA
June 2001-June 2004

Chief Resident, Department of Medicine
Stanford University School of Medicine, Palo Alto, CA
June 2004-June 2005

Fellow in Infectious Diseases, Department of Medicine
Stanford University School of Medicine Palo Alto, CA
July 2005-August 2008

Professional Experience

Associate Professor of Medicine, Division of Infectious Diseases
UCLA David Geffen School of Medicine, Los Angeles, CA
July 2017-present

Assistant Professor of Medicine, Division of Infectious Diseases

UCLA David Geffen School of Medicine, Los Angeles, CA
September 2011-June 2017

Clinical Instructor, Division of Infectious Diseases
Stanford University School of Medicine, Palo Alto, CA September
2008-August 2011

Professional Activities

Education Workforce Leader, Infectious Diseases Council, International Society for Heart and Lung Transplantation, 2017-

AST Lung Working Group on Frailty in Transplantation, 2017-2018

Founder, International Society for Heart and Lung Transplantation “Working Group on Optimizing Outcomes for Older Thoracic Transplant and MCSD Recipients”, 2016-

Co-Founder, “Aging and Transplantation Working Group”, American Society of Transplantation, 2016-

Consultant, FDA Microbiological Devices Panel Advisory Committee, meeting on transplant-associated opportunistic viral infections, November 2016

Member, FDA Antimicrobial Drugs Advisory Committee, 2015-

Member, NIAID Division of Microbiology and Infectious Diseases End Point Committee, ‘Prophylaxis versus Preemptive Therapy for CMV in R-D+ Liver Transplant Recipients’, 2015

NIAID ‘Targeted Clinical Research to Address Select Viral Infections’ Review Committee Member, 2015

Program Planning Committee, International Society for Heart and Lung Transplantation, 2015-2016

Member at Large, OPTN/UNOS Disease Transmission Advisory Committee, 2014-2017 Antibiotic Subcommittee/ Pharmacy and Therapeutics, UCLA Medical Center, 2013- Co-Director, Case Conference series in Infectious Diseases, 2013-2014 Member, The Transplantation Society, 2012-

Member, Infectious Diseases Council, International Society for Heart and Lung Transplantation, 2011-

UCLA Heart, Lung, and Kidney Patient Selection Committee Member, 2011-

Member, Infectious Diseases Community of Practice, American Society of Transplantation, 2010-

Member, Infectious Diseases Society of America, 2009-

Honors/Awards

Fellow of the American Society of Transplantation, 2018

Poster of Distinction Award, American Transplant Congress, Seattle, WA, 2018

Mendez National Institute of Transplantation Foundation Research Grant, 2018

Poster of Distinction Award, American Transplant Congress, Chicago, IL, 2017

American Society for Transplantation (AST) Transplantation and Immunology Research Network (TIRN) Translational Science Faculty Development Research Grant, 2016-2017
NIA Grant for Early Medical/Surgical Specialists' Transition to Aging Research (GEMSSTAR) Award, 2015-2017
ASP-IDSA Young Investigator Award in Geriatrics, 2015-2017
Poster of Distinction Award, American Transplant Congress, Philadelphia, PA, 2015
Best Poster, Basic Science Category, 2015 UCLA Research Conference on Aging, 2015
UCLA Older Americans Independence Center Career Development Award, 2014-2017
Bristol Meyers Squibb Investigator-initiated protocol funded, 2014-2016
UCLA Older Americans Independence Center Rapid Pilot Grant Recipient, 2014
UCLA CTSI Voucher Recipient, 2012, 2014
Infectious Diseases Society of America Travel Award, 2011
Dean's Postdoctoral Fellowship Award, Stanford University, 2007
Franklin G. Ebaugh Award for Research, Stanford University, 2004
American Society for Tropical Medicine and Hygiene Annual Meeting Travel Award, 1998

Invited Speakerships, National and International

1. "Top 10 Viral Papers in Transplant ID" American Transplant Congress, Seattle, WA
June 2019
2. "Immune Senescence and Transplantation: Balance Between Infection and Rejection"
International Society for Heart and Lung Transplantation, Orlando, Florida
April 2019
3. "Immunobiology and the Risks for Rejection and Infection in the Older Recipient"
American Transplant Congress, Seattle, WA
June 2018
4. "Prevention and Management of Long-term Viral Infections"
American Transplant Congress, Seattle, WA
June 2018
5. "Parasitic Cases: Hot Bugs in a Warming World"
International Society for Heart and Lung Transplantation, Nice, France
April 2018
6. "Walking a Fine Line? Optimal and Novel Treatments of BK Nephropathy"
American Transplant Congress, Chicago, IL
May 2017

7. "Community-acquired Viral Infections"
Core Competency Course in Infectious Diseases in Thoracic Transplantation and MCS, International Society for Heart and Lung Transplantation April 2017
8. "How I Evaluate Candidates for Transplant and When to Say "No" to Transplant"
Transplant Infectious Diseases Conference, The Transplantation Society, Hong Kong August 2016
9. "The Immune Response to BK Virus after Kidney Transplantation"
American Transplant Congress, Boston, MA June 2016
10. "Donor Derived Infections, the North American Experience"
International Society for Heart and Lung Transplantation, Washington, D.C. April 2016
11. "How I Treat Pulmonary Infections"
Transplant Infectious Diseases Conference, The Transplantation Society, Cancun, Mexico October 2015
12. "Notable Papers in Transplant Infectious Diseases" Infectious Diseases Society of America, San Diego, CA October 2015
13. "Preventing Donor-Derived Infections"
Introductory Course for the Procurement and Transplant Professional, North American Transplant Coordinators Organization, Phoenix, AZ June 2015
14. "BK Virus Infection in Kidney Transplantation: State-of-the-Art 2015"
American Transplant Congress, Philadelphia, PA May 2015
15. "The Many Deleterious Roles of Viral Infection on the Lung Allograft"
International Society for Heart and Lung Transplantation Annual Meeting, Nice, France April 2015
16. Panelist "Interactive Cases in Transplant ID"

Infectious Diseases Society of America Annual Meeting, Philadelphia, PA
October 2014

17. “CMV Disease in the New Era of Kidney Transplantation”

International Conference on Nephrology and Therapeutics, Chicago, IL,
August 2012

18. “Invasive Fungal Infections in Solid Organ Transplant Recipients” American Society
for Microbiology Annual Meeting, San Francisco, CA June 2012

Publications

1. **Schaenman J**, Driscoll P, Hockensmith J, Petri Jr WA. An upstream regulatory element containing two nine basepair repeats regulates expression of the *Entamoeba histolytica* *hgl5* lectin gene. Molecular and Biochemical Parasitology 94 (1998) 309-313.
2. **Schaenman J**. Regulation of the *Entamoeba histolytica* virulence gene *hgl5*: Identification of two sequence-specific DNA binding proteins that recognize the upstream regulatory element URE4. Ph.D. Dissertation, University of Virginia (1999).
3. Gilchrist C, Holm C, Hughes M, **Schaenman J**, Mann B, Petri Jr WA. Identification and characterization of an *Entamoeba histolytica* URE3 sequence-specific DNA binding protein containing EF-hand motifs. Journal of Biological Chemistry 276 (2001) 11838-11843.
4. **Schaenman J**, Gilchrist C, Kinter M, Hockensmith J, Mann B, Petri Jr WA. Identification of Two *E. histolytica* Sequence-Specific Enhancer-Binding Proteins with Homology to the RNA-binding Motif RRM. Journal of Biological Chemistry 276 (2001) 1602-9.
5. Singh U, Gilchrist CA, **Schaenman JM**, Rogers JB, Hockensmith JW, Mann BJ, Petri Jr WA. Context-dependent roles of the *Entamoeba histolytica* core promoter element GAAC in transcriptional activation and protein complex assembly. Molecular and Biochemical Parasitology 120 (2002) 107-116.
6. **Schaenman J**, Digiulio DB, Mirels LF, McClenny NM, Berry GJ, Fothergill AW, Rinaldi MG, Montoya JG. *Scedosporium apiospermum* soft tissue infection successfully treated with voriconazole: Potential pitfalls in the transition from intravenous to oral therapy. Journal of Clinical Microbiology 43 (2005) 973-977.

7. Ho DY, Lin M, **Schaenman J**, Rosso F, Leung ANC, Coutre SE and Montoya JG, Yield of diagnostic procedures for invasive fungal infections in neutropenic febrile patients with chest computed tomography (CT) abnormalities. Mycoses Sep 28 (2009) 1-12.
8. **Schaenman J**, Rosso R, Austin J, Baron EJ, Gamberg P, Miller J, Oyer PE, Robbins RC, and Montoya JG, Trends in Invasive Disease due to *Candida* species Following Heart and Lung Transplantation. Transplant Infectious Diseases 11 (2009) 112-21.
9. **Schaenman J***, Kim JH*, Ho DY, Brown JM. Treatment of acyclovir-resistant herpes simplex virus with continuous infusion of high-dose acyclovir in hematopoietic cell transplant patients. Biol Blood Marrow Transplant. 2011 Feb;17(2):259-64. Epub 2010 Jul
10. **Schaenman J**, Shashidhar S, Rhee C, Wong J, Navato S, Wong RM, Ho DY, Arai S, Johnston L, Brown JM. Early CMV viremia is associated with impaired viral control following nonmyeloablative hematopoietic cell transplantation with a total lymphoid irradiation and antithymocyte globulin preparative regimen. Biol Blood Marrow Transplant 2011 May;17(5):693-702. Epub 2010 Aug 22.
11. Powell M, Alizadeh A, Budvytiene I, **Schaenman J**, and Banaei N. First isolation of *Cryptococcus uzbekistanensis* from an immunocompromised patient with lymphoma", Journal of Clinical Microbiology 2012 Mar;50(3):1125-7. Epub 2011 Dec 21.
12. Arai S, Sahaf B, Narasimhan B, Chen GL, Jones CD, Lowsky R, Shizuru JA, Johnston LJ, Laport GG, Weng WK, Benjamin JE, **Schaenman J**, Brown J, Ramirez J, Zehnder JL, Negrin RS, Miklos DB. Prophylactic rituximab after allogeneic transplantation decreases B-cell alloimmunity with low chronic GVHD incidence. Blood 2012 Jun 21;119(25):6145-54. Epub 2012 May 4.
13. Pham, P-T, **Schaenman J**, Pham, P-C. BK virus screening and management following kidney transplantation: An Update. Journal of Transplantation Technologies & Research, 2:e119. doi: 10.4172/2161-0991.1000e119.
14. **Schaenman J**. Is universal antifungal prophylaxis mandatory in lung transplant patients? Curr Opin Infect Dis. 2013 Aug;26(4):317-25. doi: 10.1097/QCO.0b013e3283630e67.
15. Bui, KT, Mehta, S, Khuu, T, Ross, D, Carlson, M., Leibowitz, M., **Schaenman, J**, Saggari, R, Lynch, JP, Ardehali, A, Kubak, BM. Extended Spectrum β -Lactamase-Producing Enterobacteriaceae Infection in Heart and Lung Transplant Recipients and in Mechanical Circulatory Support Recipients. Transplantation 2013, Oct 24. PMID: 24162251
16. **Schaenman, J**, Khuu, T, Kubak, BM. Fungi as eukaryotes: Understanding the antifungal effects of immunosuppressive drugs. Curr Fungal Infect Rep 2014, Mar; 8 (1):102-8.

17. Pham PT, **Schaenman J**, and Pham PC. BK-virus infection following kidney transplantation: An overview of risk factors, screening strategies and therapeutic interventions. Curr Opin Organ Transplant. 2014 Aug;19(4):401-12. doi: 10.1097/MOT.000000000000101.
18. Kwon, MH, Zhang, JQ, **Schaenman J**, Cadeiras, M, Gjertson, DW, Laks, H, Ardehali, A, Deng, MC, Shemin, RJ, and Reed, EF. Characterization of Ventricular Assist Device Mediated Sensitization in the Bridge to Heart Transplant Patient. J Thor Card Surg. 2015 Jan; doi:10.1016/j.jtcvs.2015.01.003.
19. Lum, EL, **Schaenman, J**, DeNicola, M, Reddy, UG, Shen, JI, Pullarkat, S. A case report of CMV lymphadenitis in an adult kidney transplant recipient. Transplant Proc. 2015 JanFeb;47(1):141-145. doi:10.1016/j.transproceed.2014.09.105
20. Saullo JL, **Schaenman JM**. Interpreting positive cultures in asymptomatic lung transplant recipients. Clinical Transplantation. 2016 Jul 8;30(8):855–6.
21. **Schaenman J**, Korin Y, Sidwell T, Kandarian F, Harre N, Pham PT, Bunnapradist S, Danovitch G, Veale J, Gritsch HA, Gritsch D, Reed EF. Frequency of BK Virus-Specific Polyfunctional CD8+ T Cells Predicts Successful Control of BK Viremia after Kidney Transplantation. Transplantation. 2016 Jul 7. [Epub ahead of print] PubMed PMID: 27391197.
22. Smith RM, Muehlenbachs A, **Schaenman J**, Baxi S, Koo S, Blau D, Chin-Hong P, Thorner AR, Kuehnert MJ, Wheeler K, Liakos A, Jackson JW, Benedict T, da Silva AJ, Ritter JM, Rollin D, Metcalfe M, Goldsmith CS, Visvesvara GS, Basavaraju SV, Zaki S. Three Cases of Neurologic Syndrome Caused by Donor-Derived Microsporidiosis. Emerging Infect. Dis. 2017 Mar;23(3):387–95.
23. **Schaenman, J**, Kumar D, Kotton C, Danziger-Isakov L, Morris M. Transplant Center Support for Infectious Diseases. Transplant Infectious Diseases, Jul 12, 2017. doi: 10.1111/tid.12746.
24. Bondar G, Togashi R, Cadeiras M, **Schaenman J**, Cheng RK, Masukawa L, Hai J, Bao TM, Chu D, Chang E, Bakir M, Kupiec-Weglinski S, Groysberg V, Grogan T, Meltzer J, Kwon M, Rossetti M, Elashoff D, Reed E, Ping PP, Deng M. Association between preoperative peripheral blood mononuclear cell gene expression profiles, early postoperative organ function recovery potential and long-term survival in advanced heart failure patients undergoing mechanical circulatory support. PLoS ONE 2017; 12:e0189420.
25. Liang E, Rossetti M, Sidwell T, Groysberg V, Sunga G, Korin Y, Vangala S, Abdalla B, Lum E, Bunnapradist S, Pham T, Danovitch G, Reed EF, **Schaenman J**. Increase in Pro-Inflammatory Cytokines and Monocyte Subtypes in the Older Kidney Transplant Recipient. Transplantation Direct, March 2018 - Volume 4 - Issue 3 - p e348 doi: 10.1097/TXD.0000000000000762.

26. **Schaenman J**, Rossetti, M, Korin Y, Sidwell T, Groysberg, V, Liang E, Vangala S, Wisniewski N, Chang E, Bakir M, Bondar G, Cadeiras M, Reed EF, Deng M. T Cell Dysfunction and Patient Age Are Associated with Poor Outcomes after Mechanical Circulatory Support Device Implantation. Human Immunology, 2018 Jan 31. pii: S0198-8859(18)30022-3. doi: 10.1016/PMID: 29409843.
27. Bakir M, Jackson N, Han S, Bui A, Chang E, Liem D, Ardehali A, Ardehali R, Baas A, Calfon Press M, Cruz D, Deng M, DePasquale E, Fonarow G, Khuu T, Kwon M, Kubak B, Nsair A, Phung J, Reed EF, **Schaenman J**, Shemin R, Zhang Q, Tseng C, Cadeiras M. Clinical Phenomapping and Outcomes after Heart Transplantation. Journal of Heart and Lung Transplantation. 2018 Mar 22. pii: S1053-2498(18)31391-3. doi: 10.1016/j.healun.2018.03.006.
28. Phonphok K, Beaird O, Duong T, Datta N, **Schaenman J**, Bunnapradist S. Screening Coccidioides Serology in Kidney Transplant Recipients: A 10-Year Cross-Sectional Analysis. Transpl Infect Dis. 2018 May 29:e12932. doi: 10.1111/tid.12932. PMID: 29809303.
29. **Schaenman J**, Rossetti M, Sidwell T, Groysberg V, Sunga G, Korin Y, Liang E, Zhou X, Abdalla B, Lum E, Bunnapradist S, Pham P, Danovitch G, Reed EF. Increased T cell immunosenescence and accelerated maturation phenotypes in older kidney transplant recipients. Human Immunology. 2018 Jun 15. pii: S0198-8859(18)30196-4. doi: 10.1016/j.humimm.2018.06.006. PMID:29913200
30. **Schaenman J**, Rossetti M, Sidwell T, Groysberg V, Sunga G, Liang E, Vangala S, Chang E, Bakir M, Bondar G, Cadeiras M, Kwon M, Reed EF, Deng M. Association of Pro-Inflammatory Cytokines and Monocyte Subtypes in Older and Younger Patients on Clinical Outcomes after Mechanical Circulatory Support Device Implantation. Human Immunology. 2019 Feb;80(2):126-134. doi: 10.1016/j.humimm.2018.11.004. Epub 2018 Nov 14. PMID: 30445099.
31. Kobashigawa J, Dadhania D, Bhorade S, Adey D, Berger J, Bhat G, Budev M, Duarte-Rojo A, Dunn M, Hall S, Harhay MN, Johansen KL, Joseph S, Kennedy CC, Kransdorf E, Lentine KL, Lynch RJ, McAdams-DeMarco M, Nagai S, Olymbios M, Patel J, Pinney S, **Schaenman J**, Segev DL, Shah P, Singer LG, Singer JP, Sonnenday C, Tandon P, Tapper E, Tullius SG, Wilson M, Zamora M, Lai JC. Report from the American Society of Transplantation on frailty in solid organ transplantation. Am J Transplant. 2018 Dec 1. doi: 10.1111/ajt.15198. PMID: 30506632
32. **Schaenman J**, Phonphok K, Liao D, Bunnapradist S, Karlamangla A. Factors Differentially Influencing Early and Late Mortality Rates in Older Kidney Transplant Recipients. Transplant Proceedings. 2019 Apr;51(3):684-691. doi: 10.1016/j.transproceed.2019.01.035. Epub 2019 Jan 9. PMID: 30979451.

33. **Schaenman J**, Rossetti M, Abdallah B, Lum E, Bunnapradist S, Pham P, Danovitch G, Reed EF, Cole S. Differences in Gene Expression in Older Compared with Younger Kidney Transplant Recipients. Transplantation Direct. 2019 Mar 4;5(4):e436. doi: 10.1097.
34. Florescu D and **Schaenman J**. Adenovirus in Solid Organ Transplant Recipients: Guidelines from the American Society of Transplantation Infectious Diseases Community of Practice. Clin Transplant. 2019 Mar 12:e13527. doi: 10.1111/ctr.13527. PMID: 30859626.
35. **Schaenman J**, Castellon L, Liang E, Nanayakkara D, Abdalla B, Sarkisian C, Goldwater D. The Frailty Risk Score Predicts Length of Stay and Need for Rehospitalization after Kidney Transplantation. *In submission*.

Chapters

1. **Schaenman J**, Petri Jr WA. Entamoeba. In Encyclopedia of Food Microbiology, Holland T, ed., Academic Press Ltd., London (1999) 2292-2295.
2. **Schaenman J**, Petri Jr WA. Amebiasis. In Textbook of Military Medicine: Military Preventive Medicine, Mobilization and Deployment, Kelly PW, ed., Government Printing Office, Washington, D.C. (2000).
3. **Schaenman J** and Garcia Piñero A. Sinusitis. In What to do in case of...A reference Diagnostic Guide in Thoracic Organ Transplantation: Practical Approach to Frequent Scenarios, Elsevier; (2017).
4. **Schaenman J**, Kubak B. Infectious in Kidney Transplantation. In Handbook of Kidney Transplantation, 6th ed. Philadelphia, PA: Wolters Kluwer; (2017).
5. Beaird O, **Schaenman J**. In Clinical Advisor, "Infectious Complications in Lung Transplant Recipients" (<https://www.clinicaladvisor.com/pulmonary-medicine/infectiouscomplications-in-lung-transplant-recipients/article/625664/>) (2017).
6. Tan CS and Schaenman J. Prevention and treatment of polyomavirus associated diseases" In Infections in Solid Organ Transplant Recipients: A Practical Approach. Singer, *in press*.

Abstracts

1. **Schaenman J**, Ramakrishnan G, Tepe-Lansdell T, Purdy J, Mann B, Petri Jr WA. An upstream activating element in *Entamoeba histolytica*. Meeting of the Virginia Branch of the American Society for Microbiology, Norfolk, VA, December 1996.
2. **Schaenman J**, Driscoll P, Petri Jr WA. Analysis of an *Entamoeba histolytica* enhancer composed of two direct repeats. Woods Hole Molecular Parasitology Meeting, Woods Hole, MA, September 1997.
3. **Schaenman J**, Gilchrist C, Kinter M, Hockensmith J, Mann B, Petri Jr WA. A transcriptional activator of a major *Entamoeba histolytica* virulence gene. Program and Abstracts of the Cold Spring Harbor meeting on "Mechanisms of Eukaryotic Transcription," Cold Spring Harbor, NY, September 1999.
4. **Schaenman J**, Gilchrist C, Kinter M, Hockensmith J, Mann B, Petri Jr WA. The URE4 enhancer of the *Entamoeba histolytica* *hgl5* gene is recognized by a heterodimeric complex. Woods Hole Molecular Parasitology Meeting, Woods Hole, MA, September 1999.
5. Gilchrist C, **Schaenman J**, Kinter M, Hockensmith J, Mann B, Petri Jr WA. Characterization of a transcription factor regulating expression of the *fdx* and *hgl5* virulence genes of *Entamoeba histolytica*. Program and Abstracts of the American Society of Tropical Medicine and Hygiene Annual Meeting, Washington, D.C., November 1999.
6. **Schaenman J**, DiGuilio D, McClenny N, Montoya J. *Scedosporium apiospermum* soft tissue infection treated successfully with voriconazole. American College of Physicians Northern California Chapter Meeting, October 2002.
7. Rice H, Nadler J, **Schaenman J**, Hawkins T, Cohen C, Harrington R, Kitahara M, Rode R, Kempf D, Zolopa A. Genotype predictors of response to lopinavir/ritonavir (LPV/r) in clinical practice. 2nd International AIDS Society Conference on HIV Pathogenesis and Treatment, Paris, France, July 2003.
8. Finkelstein E, **Schaenman J**, Skeff, K. Didactic teaching conferences versus interactive teaching conferences – Which is better for resident learning? American College of Physicians California Chapter Meeting, October 2004.
9. **Schaenman J**, Austin, JA, Rosso, F, Baron, EJ, Gamberg, P, Miller, J, Oyer, PE, Robbins, RC, Montoya, JG. Candidal disease in heart, heart-lung, and lung transplant patients: A 25-year experience at Stanford Medical Center. Infectious Diseases Society of America 2005 Annual Meeting, October 2005.
10. **Schaenman J**, Vana ML, Rhee C, Wong J, Navato S, Johnston L, Wong RM, Ho DY, Brown JM, Functional control of CMV reactivation is profoundly influenced by CMV serostatus after

nonmyeloablative hematopoietic cell transplantation following a TLI-ATG preparative regimen. American Society of Hematology Annual Meeting, December 2008.

11. Kim JH, **Schaenman J**, Ho DY, Brown JM. Treatment of severe, acyclovir-resistant herpes simplex virus infection with continuous infusion of high dose acyclovir following hematopoietic cell transplantation. American Society of Hematology Annual Meeting, December 2009.
12. Naik S, **Schaenman J**, Kim JH, Wong R, Arai S, Johnston L, Brown, JM. Success with a shorter course of preemptive treatment for cytomegalovirus (CMV) reactivation after myeloablative HLA-matched sibling donor hematopoietic cell transplantation (HCT). 2010 BMT Tandem Meetings, February 2010
13. Rhee C, Kim JH, **Schaenman J**, Pinsky B, Madison M, Johnson D, Rutherford P, Schaffner T, Baron EJ, Tompkins LS, Brown JM. Difficulty in rapid diagnosis of novel Influenza (H1N1) using direct fluorescent antibody (DFA) testing in critically ill versus non-critically ill patients. American Thoracic Society 2010 International Conference, May 2010.
14. **Schaenman J**, Rhee C, Holubar M. Lafayette R, Brown JM. No significant impact on creatinine during intravenous voriconazole administration in patients with moderate to severe renal dysfunction. Oral presentation, Infectious Diseases Society of America Annual Meeting, October 2011.
15. Korin Y, Lopez G, Smith T, Reed EF, **Schaenman J**. Determination of optimal time course for detection of polyfunctional antigen-specific cytokine-secreting memory T cells. Federation of Clinical Immunology Societies, June 2013.
16. **Schaenman J**, Cadeiras M, Korin Y, Bondar G, Kwon MH, Reed EF, Deng M. Patient Risk Stratification by Early Identification of Systemic Inflammatory Response via T cell Immunophenotyping at Time of Mechanical Circulatory Support Device Implantation. International Society for Heart and Lung Transplantation, April 2014.
17. Korin Y, Cadeiras M, **Schaenman J**, Kwon M, Sidwell T, Kandarian F, Bondar G, Wisniewski N, Chittoor J, Deng M, Reed EF. Multi-parameter Immune Cell Flow Cytometry and Gene Expression for the Characterization of Multiorgan Dysfunction Syndrome (MOD) after Mechanical Circulatory Support Device (MCS). Federation of Clinical Immunology Societies Annual Meeting, June 2014.
18. **Schaenman J**, Morris M, Kotton C, Danziger-Isakov L, Kumar D. Medical Center Support for Transplant Infectious Diseases Programs. World Transplant Congress, July 2014.
19. Korin Y, Wisniewski N, Caderias M, **Schaenman J**, Kwon M, Sidwell T, Kandarian F, Bondar G,

- Reed EF, Deng M. Multi-parameter Flow Cytometry of T-Cell Subpopulations and Linear Mixed Effects Model to Characterize Multiorgan Dysfunction Syndrome After Mechanical Circulatory Support Device. 40th Annual Meeting of the American Society for Histocompatibility & Immunogenetics, October 2014.
20. **Schaenman J**, Korin Y, Kandarín F, Harre N, Pham P, Bunnapradist S, Danovitch G, Veale J, Gritsch H, Reed EF. Specific Polyfunctional CD8+ T Cells Predict Successful Control of BK Viremia After Kidney Transplantation. American Transplant Congress, May 2015.
 21. Bakir M, Jackson N, Chang E, Henriquez D, Tseng C, Starling C, Khuu T, Cruz D, DePasquale E, Ardehali R, Zhang J, **Schaenman J**, Kubak B, Kwon M, Ardehali A, Reed E, Dneg M, Cadeiras M. Steps Towards Personalization of Clinical Care in Era of Precision Medicine. Time Dependent Immune Phenomapping in Heart Transplantation and Emergence of Anti-HLA Class I and II Antibodies. International Society of Heart and Lung Transplantation, April 2016.
 22. **Schaenman J**, Wilk A, Tlustý S, Nalesnik M, Michaels MG, Wolfe C, Kaul D. Donor Derived Disease Transmission Events in Thoracic Organ Transplantation: Data Reviewed by the OPTN Ad Hoc Disease Transmission Advisory Committee. International Society of Heart and Lung Transplantation, April 2016.
 23. **Schaenman J**, Korin Y, Sidwell T, Chang E, Bakir M, Wisniewski N, Bondar G, Cadeiras M, Reed EF, Deng M. Increase in Frequency of Terminally Differentiated and Exhausted CD8+ T Cells Is Associated with Worse Clinical Outcomes after Mechanical Circulatory Support Device Implantation. International Society of Heart and Lung Transplantation, April 2016.
 24. Godoy G, Bondar G, Esmaeili A, Arellano E, Chang E, Bakir M, Chittoor J, Togashi R, Fazli N, Starling C, Oh E, Toluie S, Yang Z, Tran D, Cadeiras M, Wisniewski N, Kwon M, **Schaenman J**, Korin Y, Rosetti M, Reed E, Deng M. Serial Peripheral Blood Mononuclear Cell Expression Profiling Reveals Inflammatory Genomic Storm Following Mechanical Circulatory Support Surgery. American Transplant Congress, June 2016.
 25. **Schaenman J**, Korin Y, Sidwell T, Groysberg V, Lum E, Huang E, Bunnapradist S, Pham P, Danovitch G, Reed EF. Evaluation of T Cell Immunity in Elderly Solid Organ Transplant Recipients. American Transplant Congress, June 2016.
 26. **Schaenman J**, Korin Y, Sidwell T, Groysberg V, Gadzhayan J, Lum E, Reddy U, Huang E, Pham P, Danovitch G, Reed EF, Bunnapradist S. Preservation of Alloreactive and Antiviral Immunity After Switch to Belatacept-Based Regimen After Kidney Transplantation. American Transplant Congress, June 2016.

27. **Schaenman J**, Liang E, Korin Y, Sidwell T, Groysberg V, Rossetti M, Karlamangla A, Reed EF. Evidence of Immunologic Dysfunction in Older Solid Organ Transplant Recipients. Infectious Diseases Society of America, October 2016.
28. Morrissey O, Xie R, **Schaenman J**, Husain S, Mooney M, Nakatani T, Kormos R, Gomez-Bueno M, Aslam S, Pya Y, Hannan M. Epidemiology of Fungal Infections in Mechanical Circulatory Support Device Recipients: Analysis of IMACS Registry 2013-2015. International Society of Heart and Lung Transplantation, May 2017.
29. Bakir M, Jackson N, Han S, Tseng C, Chang E, Khuu T, Bui A, Zhang Q, Reed EF, Liem D, Kubak B, **Schaenman J**, Ardehali A, Ardehali R, Baas A, Nsair A, Cruz D, Kwon M, DePasquale E, Deng M, Cadeiras M. Cluster Analysis and Dynamic Phenotyping to Guide Clinical Management after Heart Transplantation. International Society of Heart and Lung Transplantation, May 2017.
30. **Schaenman J**, Beiard O, Liang E, Sidwell T, Groysberg V, Rossetti M, Abdalla B, Lum E, Bunnapradist S, Pham T, Danovitch G, Veale J, Gritsch HA, Karlamangla A, Cole S, Reed EF. Increased Pro-Inflammatory and Decreased Interferon-Related Gene expression in Older as Compared with Younger Kidney Transplant Recipients. American Transplant Congress, May 2017.
31. **Schaenman J**, Rossetti M, Sidwell T, Groysberg V, Sunga G, Liang E, Gadzhyan J, Abdalla B, Lum E, Pham T, Danovitch G, Veale J, Gritsch HA, Reed EF, Bunnapradist S. Stability of Immune Phenotype, Alloreactive and Antiviral Immunity After Switch to Belatacept-Based Regimen After Kidney Transplantation. American Transplant Congress, May 2017.
32. Zuckerman J, Palma-Diaz F, Magyar C, Abdalla B, Lum E, Bunnapradist S, Pham T, Danovitch G, Veale J, Gritsch HA, Reed EF, **Schaenman J**. Role of Chemokines in Resolution of BK Virus-associated Nephropathy and Chronicity of Pathology Changes in Kidney Transplant Recipients. American Transplant Congress, May 2017.
33. Beiard O, Garner O, Humphries R, **Schaenman J**. Risk Factors for Cryptococcal Disease in Transplant as Compared with Non-Transplant Patients. American Transplant Congress, May 2017.
34. Liang E, Beiard O, Rossetti M, Sidwell T, Groysberg V, Karlamangla A, Cole S, Reed E, **Schaenman J**. Pro-Inflammatory and Dysfunctional Immunologic Changes and Risk for Infection in the Older Kidney Transplant Recipient. Infectious Diseases Society of America, October 2017.
35. **Schaenman J**, Zhou X, Guo R, Rossetti M, Liang E, Abdalla B, Lum E, Bunnapradist S, Pham P,

- Danovitch G, Reed EF, Elashoff D DNA Methylation Age and Differential Patterns of DNA Methylation in Older Compared with Younger Kidney Transplant Recipients. American Transplant Congress, June 2018.
36. Beaird O, Phonphok K, Chandrasekaran S, Garner O, Bunnapradist, **Schaenman J**. Longitudinal Analysis of Community-Acquired Respiratory Virus Infection in Kidney Transplant Recipients. American Transplant Congress, June 2018.
 37. Abdalla B, Hale-Durbin B, **Schaenman J**, Lee C, Danovitch G, Frailty Assessment Pilot Study in Older Kidney Transplant Recipients, American Transplant Congress, June 2018.
 38. Bunnapradist S, Phonphok K, Spanuchart I, Duong T, Lum E, Reed EF, **Schaenman J**. Impact of Antiviral Dose Adjustments on Risk for Breakthrough CMV Viremia after Kidney Transplantation. American Society of Nephrology, October 2018.
 39. **Schaenman J**, Rossetti M, Bunnapradist S, Liang E, Beaird O, Reed EF, Cole S. Blood Transcriptome Variations Predict Infection and Rejection in the Older Kidney Transplant Recipient. Infections Diseases Society of America, October 2018.
 40. Liang E, Rossetti M, Sunga G, Reed EF, **Schaenman J**. CMV-Specific T cell Immune Responses in Older versus Younger Kidney Transplant Recipients. Infections Diseases Society of America, October 2018.
 41. Allyn P, **Schaenman J**, Schwartz B, Vijayan T. West Coast Transplant ID Conferences, A Model for Building Community in ID Disciplines? Infectious Diseases Society of America, October 2018.
 42. Jaladanki S, Shih L, Nanyakkara D, Kwon O, Dobarra V, Ventigan N, Weigt S, Singer J, Ardehali A, Biniwale R, Goldwater D, **Schaenman J**. Assessing Levels of Frailty in a Cohort of Lung Transplant Candidates Using Pre-Transplant Frailty Assessments. International Society of Heart and Lung Transplantation, April 2019.
 43. **Schaenman J**, Rossetti M, Liang E, Beaird O, Bunnapradist S, Reed EF, Cole S. Transcriptional Changes in PBMC Associated with Development of Infection and Rejection in Older and Younger Kidney Transplant Recipients. American Transplant Congress, June 2019.
 44. Jaladanki S, Shih L, Nanyakkara D, Kwon O, Ventigan N, Nanayakkara D, Weigt S, Singer J, Ardehali A, Biniwale R, Goldwater D, **Schaenman J**. Assessment of Physical Frailty is Positively Correlated with LAS Score in Lung Transplant Candidates. American Transplant Congress, June 2019.

45. Beaird O, Carlson, M, Gaynor P, Nanayakkara D, Abdalla B, Bunnapradist S, **Schaenman J**.
Use of CMV Specific T Cell Immunity Assay in Late-Onset CMV Infection. American
Transplant Congress, June 2019.