

Juan C. Fernández Castillo, MD

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EDUCACIÓN

Máster en Salud Pública (MPH) 01/2025 – Presente Universidad de Miami, Esperado 2027

Master Teacher Program 03/2021 – 03/2023 Department of Medicine / University of Toronto Toronto, ON

Fellowship en Trasplante de Pulmón 07/2018 – 06/2019 University of Toronto / Toronto General Hospital Toronto, ON

Fellowship en Neumología y Cuidados Críticos 07/2015 – 06/2018 Loyola University Medical Center Chicago, Illinois

Residencia en Medicina Interna 07/2012 – 06/2015 Henry Ford Hospital / Wayne State University Detroit, Michigan

Doctor en Medicina 03/2002 – 12/2009 Universidad San Martín de Porres Lima, Perú

LICENCIAS, EXÁMENES Y CERTIFICACIONES

Florida Board of Medicine (ME159898) 2023-2025 **College of Physicians and Surgeons of Ontario (#115966)** 2019-2023 **Illinois State Board of Medicine License (#036.137825)** 2015-2020 **Michigan State Board of Medicine License** 2012-2015 (Restricted license)

American Heart Association Advanced Cardiac Life Support Certification 2023
American Board of Critical Care Medicine Certification 2018 **American Board of Pulmonary Medicine Certification** 2017 **American Board of Internal Medicine Certification** 2015

United States Medical Licensing Examination

- Step 3 2012
- Step 1 2011
- Step 2 CK 2010

- Step 2 CS 2010

Medical Council of Canada Qualifying Examination Part 1 2010 Medical Council of Canada Evaluating Examination 2009

EXPERIENCIA LABORAL

Neumonólogo Trasplantólogo e Intensivista 02/2023 – Actual Miami Transplant Institute | UHealth | Jackson Memorial Hospital Profesor Asistente | Miller School of Medicine, University of Miami Miami, FL

Pulmonólogo de Trasplante de Staff 07/2019 – 01/2023 Toronto Lung Transplant Program Toronto General Hospital, University Health Network Toronto, ON

Pulmonólogo de Staff 07/2019 – 01/2023 Women's College Hospital Toronto, ON

Hospitalista Contingente 07/2016 – 06/2018 Loyola University Medical Center Chicago, IL

ACTIVIDADES DE INVESTIGACIÓN

Prospective Multicenter Research on Donor and Recipient Management Strategies to Improve Lung Transplant Outcomes (PROMISE) • PI: Dr. Scott Palmer (DUKE) y Dr. Jason Christie (PENN) • Site PI: Dr. Juan Fernández-Castillo • Financiador: National Heart, Lung and Blood Institute (NHLBI)

CATCH Study: Creating Access to Transplant for Candidates Who Are High Risk • PI: Dr. Shaf Keshavjee / Dr. Meghan Aversa (UHN) • Sub-site Co-Investigator: Juan Fernández-Castillo, Mauricio Pipkin • Financiador: National Heart, Lung and Blood Institute (NHLBI)

Safety of 10°C Lung Preservation vs Standard of Care: A Multi-center Prospective Non-Inferiority Trial • PI: Dr. Elliot Wakeam (UHN) • Sub-site Co-Investigator: Juan Fernández-Castillo, Mauricio Pipkin • Financiador: Canadian Institutes of Health Research (CIHR)

XVIVO Registry – An All Corners Registry for Normothermic Ex Vivo Lung Perfusion (EVLV) as Assessment of Donor Lungs for Transplant • PI: Dr. Mauricio Pipkin • Sub-site Co-Investigator: Juan Fernández-Castillo • Financiador: XVIVO

A randomized, double-blind, placebo-controlled, parallel group, Phase 3 study, followed by open-label extensions, to evaluate the efficacy of oral belumosudil in adult participants with chronic lung allograft dysfunction (CLAD) following bilateral lung transplantation • Sub-site Co-Investigator: Juan Fernández-Castillo, Sama Al-Bayati • Financiador: Sanofi US Services, Inc.

PUBLICACIONES REVISADAS POR PARES

- Primary graft dysfunction. Asociación Latinoamericana de Torax (ALAT) Lung Transplant chapter guidelines. Villamizar JP, Fernández-Castillo JC. Enviado para revisión.
- Nuances in the interpretation and utility of donor-derived cell-free DNA in lung transplantation following allogeneic hematopoietic stem cell transplantation. Suresh Manickavel, Renata Ponsirenas, Jennifer Gray, Yuka Furuya, Dennis FU, Fernández-Castillo JF, Juan Salgado, Andres Pelaez, Mauricio Pipkin, Tiago Machuca, Neeraj Sinha. *Transpl Immunol* 2024 Jun;84:102055.
- Oesophageal stasis is a risk factor for chronic lung allograft dysfunction and allograft failure in lung transplant recipients. Ramendra R, Fernández-Castillo JF, Huszti E, Ghany R, Aversa M, Havlin J, Riddell P, Chaparro CM, Singer LG, Liu L, Keshavjee S, Yeung JC, Martinu T. *ERJ Open Res.* 2023 Sep 10;9(5):00222-2023.
- Triaging donor lungs based on a microaspiration signature that predicts adverse recipient outcomes. Ramendra R, Sage AT, Yeung J, Fernández-Castillo JF, Cuesta MA, Aversa M, Liu M, Cypel M, Keshavjee S, Martinu T. *J Heart Lung Transplant.* 2023 Apr;42(4):456-465.
- Pulmonary Epithelial markers in phenotypes of Chronic Lung Allograft Dysfunction. Levy L, Moshkelgosha S, Huszti E, Hunter S, Renaud-Picard B, Berra G, Mitsuaki K, Takahagi A, Fernández-Castillo JC, Fuchs E, Ghany R, Keshavjee S, Singer LG, Tikkanen J, Martinu T. *J Heart Lung Transplant.* 2023 Mar 22;S1053-2498(23)01787-4.
- Immunosuppressive Therapy in Lung Transplantation. Fernández-Castillo JF, Cypel M. *Curr Pharm Des.* 2020;26(28):3385-3388.
- A Rare Case of Gastric Variceal Hemorrhage Secondary to Infiltrative B-cell Lymphoma. Lenhart A, Fernández-Castillo JC, Mullins K, Salgia R. *Case Rep Gastroenterol.* 2016;10:518.

RESÚMENES REVISADOS POR PARES (PEER-REVIEWED ABSTRACTS)

CMV Immune Dynamics Post Lung Transplantation. Mujica-Palacios, R., Fernandez-Castillo, JC., Magee, K., Al-Bayati, S., Kleiboeker, S., Brauchle, W., Salgado, J., Gil-Barturen, M., Pipkin, M., Pelaez, A., Solera, J., Natori, Y. Poster presentation at ATC June 2026 Boston, USA

Herpes Simplex Virus-1 pneumonitis complicating COVID19-ARDS in a non-transplant patient. Camilo A. Avendano, Jeany Villamizar, Walter Brauchle, Valentina Verdini, Sama Al-bayati, Juan C. Salgado, Oveimar De La Cruz, Juan C. Fernandez-Castillo abstract submitted at CHEST 2026

Preserving Donor Lungs at 10 C vs Ice – Outcomes of a Multicenter Prospective Randomized Controlled Trial. K. Hoetzenecker¹, E. Wakeam², L. Ceulemans³, J. Campo-Canaeral de la Cruz⁴, J. Kukreja⁵, T. Deuse⁵, S. Crowley⁶, S. Schwarz⁷, T. Schweiger⁷, A. Benazzo⁷, N.

Novoa⁶, I. Opitz⁸, G. Lang⁸, T. Krueger⁹, E. Abdelnour-Berchtold⁹, J. Van Slambrouck³, C. Demarest¹, A. Trindade¹, M. Bacchetta¹, E. Murphy¹⁰, B. Nasir¹¹, S. Saddoughi¹², M. Villavicencio¹², M. Pipkin¹³, Fernandez-Castillo, JC., D. Darley¹⁴, J. Murala¹⁵, S. Keshavamurthy¹⁵, O. Mercier¹⁶, E. Fadel¹⁷, L. Schaheen¹⁸, S. Keshavjee², M. Cypel Abstract accepted for oral presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Defining the Clinical Significance of First and Recurrent A1 Rejection After Lung Transplantation. C. Avendano Capriles, K. Magee, J. Villamizar Rivero, G. Rozenbaum, O. De La Cruz, S. Al-Bayati, A. Pelaez, M. Gil-Barturen, M. Pipkin, J. Salgado, Fernandez-Castillo, JC Abstract accepted for oral presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Universal Screening and Preemptive Therapy Reduced Severe Mollicute Infections and Associated Mortality after Lung Transplantation. Avendano, C., Pelaez, A., Natori, Yo., Eidam L., Salgado, J., Vilamizar, J., Gil-Barturen, M., Pipkin, M., Fernandez-Castillo, JC., De La Cruz, O. Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Impact of Anti-Reflux Surgery on Donor-Derived Cell-free DNA in Lung Transplant Recipients. Villamizar JP, Rozenbaum G, Avendano, C., Ravichandran, V., Wang, S., De La Cruz, O., Gil-Barduren, M., Pipkin, M., Al-Bayati, S., Pelaez, A., Salgado, J., Kutlu, O., Fernandez-Castillo, JC. Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Prophylaxis Guided by CMV-specific T-cell Immunity in Lung Transplant Recipients: Prospective Interventional Study. K.N. Magee, Fernandez-Castillo, JC., Kleiboeker, S., Solera, J., Mujica-Palacios, R., Salgado, J., Gil-Barturen, M. Pipkin, M., Pelaez A., Natori, Y. Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Letemovir for Cytomegalovirus Prophylaxis after Lung Transplantation: Hematological Recovery and Predictors of Switch from Valganciclovir. Vega, D., North, B., Solera, J., Pelaez, A., Salgado, J., Al-Bayati, S., Gil-Barturen, M., Pipkin, M., Cabrera, P., Macek, M., Fernandez-Castillo, JC., Natori, Y. Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

VV ECMO as a Bridge to Airway Healing in Post-Transplant Bronchial Dehiscence. E. A. Lopez Gonzalez, Fernandez-Castillo, JC., C. Salgado. Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Persistent Mycoplasma Hominis Detection with Recurrent Shock in a Bilateral Lung Transplant Recipient Supported on ECMO. O. De La Cruz¹, J. Salgado¹, Fernandez-Castillo, JC, C. Avendaño², Y. Natori¹, M. Pipkin¹, A. Pelaez Abstract accepted for poster presentation at The

International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Beyond Donor-Derived: Nosocomial Mycoplasma Salivarium After Lung Transplantation. Fernandez-Castillo, JC, Y. Natori, J. Salgado, S. Al-Bayati, J. Villamizar Rivero, M. Gil-Barturen, M. Pipkin, A. Pelaez, O. De La Cruz. Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Torque Teno Virus (TTV) as a Surrogate Marker to Predict Rejection and Infection in Lung Transplant Recipients (LTR). S. Al-Bayati¹, K. N. Magee², R. Mujica-Palacios², J. Solera Rallo², S. Kleiboeker³, J. Salgado², A. Pelaez⁴, M. Gil-Barturen², M. Pipkin², Fernandez-Castillo, JC,, Y. Natori² Abstract accepted for poster presentation at The International Society for Heart and Lung Transplantation to be held in Toronto, Canada in April 2026.

Impact of Gastroparesis on Donor-Derived Cell-Free DNA in Lung Transplant Recipients. Villamizar JP., Rozenbaum G., Ponsirenas R., Al-Bayati S., Pelaez A., Salgado J., Pipkin, M., Fernandez-Castillo, JC. Abstract submitted to the World Transplant Congress to be held in San Francisco, USA, August 2025.

Relationship between donor-derived cell-free DNA and Reflux in Post-Lung Transplant recipients. Villamizar J.P., Rozenbaum G., Ponsirenas R., Al-Bayati S., Pelaez A., Salgado J., Fernandez-Castillo, JC. Abstract submitted to the World Transplant Congress to be held in San Francisco, USA, August 2025.

The Impact of Chronic Pseudomonas Infection on Donor-derived Cell-Free DNA in Lung Transplant Recipients. Tellez, M, Avendano-Capriles, C, Ponsirenas, R, Salgado, JC, Pipkin, M, Al-Bayati, Sama, Natori, Yo, Fernandez-Castillo, JC. Abstract submitted to the World Transplant Congress to be held in San Francisco, USA, August 2025.

Non-tuberculous Mycobacterium colonization and infection post-lung transplantation: Risk factors and outcomes. Lopez, C., Al-Bayati, S., Fernandez-Castillo, JC., Anjan, S., Simkins, J., Pipkin, M., Pelaez, A., Natori, Y. Abstract submitted to the World Transplant Congress to be held in San Francisco, USA, August 2025.

Impact of Tacrolimus Levels on DsA-Positive Lung Transplant Recipients. Rozenbaum, G., Salgado, JC., Fernandez-Castillo, JC., Ponsirenas, R., Villamizar, JP., Al-Bayati, S., Pelaez, A. Abstract accepted for oral presentation at The International Society for Heart and Lung Transplantation to be held in Boston, USA, April 2025.

Non-tuberculous Mycobacterium colonization: A contraindication for lung transplantation? Lopez, C., Al-Bayati, S., Fernandez-Castillo, JC., Anjan, S., Simkins, J., Pipkin, M., Pelaez, A., Natori, Y. Abstract accepted at The International Society for Heart and Lung Transplantation to be held in Boston, USA, April 2025.

Evaluation of Donor-Derived Cell-Free DNA (dd-cfDNA) levels in Primary Graft Dysfunction (PGD) after lung transplantation. Villamizar JP, Fernandez-Castillo JC, Pelaez A, Ponsirenas R, Rozenbaum G, Telles M, Al-Bayati S, Manickavel S, Buitrago D, Salgado JC. Abstract presented at The Transplantation Society held in Istanbul, Turkey, September 2024.
<https://journals.lww.com/10.1097/01.tp.0001068784.64199.a2>

Correlation of pre and immediate post-lung transplant factors with initial dd-cfDNA levels in a surveillance protocol. Rozenbaum G, Pelaez A, Salgado JC, Ponsirenas R, Villamizar JP, Al-Bayati S, Tellez M, Pipkin M, Fernandez-Castillo JC. Abstract presented at The Transplantation Society held in Istanbul, Turkey, September 2024.
<https://journals.lww.com/10.1097/01.tp.0001068780.22820.8e>

Relationship between donor-derived cell-free DNA, Donor Specific Antibodies, and rejection in pre-sensitized Lung Transplant recipients. Rozenbaum G, Salgado J, Fernandez-Castillo, JC, Ponsirenas R, Villamizar J, Al-Bayati S, Tellez M, Manickavel S, Pipkin M, Pelaez A. Abstract presented at BANFF/PITOR Congress 2024 held in Paris, France, September 2024.

Is Cystatin C a predictor of CKD in post-lung transplant recipients? Fernandez-Castillo JC, Tellez M, Iupe I, Kadir S, De La Cruz O, Chisti I, Murphy T, Salgado JC, Machuca T, Pelaez A. Poster presented at The International Society for Heart and Lung Transplantation 2024.

Intersection of Cancer and Lung Transplant: To Transplant or Not? Villamizar JP, Rozenbaum G, Fernandez-Castillo JC, Al-Bayati S, Pipkin M, Buitrago D, Pelaez A, Salgado JC. Poster presented at The International Society for Heart and Lung Transplantation 2024.

ECMO bridge to bilateral lung transplant for Castleman Disease. Al-Bayati S, Villamizar JP, Machuca T, Buitrago D, Pipkin M, Pelaez A, Salgado JC, Fernandez-Castillo, JC. Poster presented at The International Society for Heart and Lung Transplantation 2024.

Successful Lung Transplantation for Patients with Non-Tuberculous Mycobacterium Colonization. A. Fayyaz¹, A. Pelaez², M. Raja³, S. Anjan¹, O. De La Cruz², J. Salgado⁴, J. Fernandez-Castillo², S. Manickavel², N. Sinha⁵, J. Simkins⁶, M. Pipkin⁷, T. Machuca⁸, Y. Natori¹ Poster presented at The International Society for Heart and Lung Transplantation 2024.

Lower-than-Standard Cutoff Number of Reflux Episodes is Associated with Worse Lung Transplant Outcomes. Fernandez-Castillo, J.C., Ramendra, R., Huszti, E., Ghany, R., Chaparro, C.M., Singer, L.G., Keshavjee, S., Aversa, M., Yeung, J., Martinu, T. Abstract presented at The International Society for Heart and Lung Transplantation 2022.

Association of chronic proton pump inhibitor use in lung transplant recipients with long-term outcomes: a retrospective cohort study. Chen Yang Kevin Zhang, Rayoun Ramendra, Fernandez-Castillo, J.C., Gregory Berra, Rasheed Ghany, Jussi Tikkanen, Lianne G Singer, Meghan Aversa, Ella Huszti, Shaf Keshavjee, Jonathan Yeung, Tereza Martinu. Abstract presented at The International Society for Heart and Lung Transplantation 2022.

Esophageal Disorders and Chronic Lung Allograft Dysfunction in Lung Transplant Recipients. Ramendra, R., Fernandez-Castillo, J.C., Huszti, E., Ghany, R., Aversa, M., Riddell, P., Chaparro, C.M., Singer, L.G., Keshavjee, S., Yeung, J., Martinu, T. Abstract presented at The International Society for Heart and Lung Transplantation 2022.

Clinical Significance of Commensal Bacteria Isolated from Bronchoalveolar Lavage of Lung Transplant Recipients. Levy, L., Huszti, E., Tikkanen, J., Fernandez-Castillo, J.C., Ghany, R., Keshavjee, S., Singer, L.G., Hussain, S., Martinu, T. Abstract presented at The International Society for Heart and Lung Transplantation 2021.

Association between Esophageal Dysmotility and Long-term Outcomes in Lung Transplant Recipients. Fernandez-Castillo, J.C., Huszti, E., Levy, L., Ghany, R., Riddell, P., Chaparro, C., Keshavjee, S., Singer, L.G., Yeung, J.C., Martinu, T. Oral presentation at The International Society for Heart and Lung Transplantation 2021.

A combination of Gastroparesis and Gastroesophageal Reflux Disease is Associated with Worse Outcomes in Lung Transplantation. Fernandez-Castillo, J.C., Huszti, E., Zhang C.Y., Levy, L., Ghany, R., Darley, D.R., Chaparro, C., Tikkanen, J., Keshavjee, S., Singer, L.G., Yeung, J.C., Martinu, T. Oral presentation at The International Society for Heart and Lung Transplantation 2021.

The Impact of Inhaled Vasodilator Therapy in Lung Transplant Recipients. Tomeczkowitz, M., Wexler, A., Patel, M., Fernandez-Castillo, J.C., Rusinak, J., Mancl, E., Quddus, S. Poster presentation at American Transplant Congress 2019.

Use of the Stanford Integrated Psychosocial Assessment for Transplantation in Lung Transplant Candidates with Cystic Fibrosis. Fernandez-Castillo, J.C., Mahoney, E., Long, S., Milin, M., Lowery, E. Poster presentation at North American Cystic Fibrosis Conference 2018.

Description of airway complications in lung re-transplantation: 10 year experience. Fernandez-Castillo, J.C., Mehta, R., Mahoney, E., Quddus, S. Poster presentation at The International Society for Heart and Lung Transplantation 2017.

A case of constrictive bronchiolitis from burn-pit inhalational exposure in Iraq treated with tacrolimus. Fernandez-Castillo, J.C., Ananthanarayanan, V., Dilling, D. Poster presentation at American Thoracic Society 2017.

Placental transmogrification of the lung mimicking lymphangioliomyomatosis. Fernandez-Castillo, J.C., Ananthanarayanan, V., Dilling, D. Poster presentation at American Thoracic Society 2016.

Reversal of cocaine-induced diffuse alveolar hemorrhage in a patient on rivaroxaban with activated prothrombin complex concentrate. Fernandez-Castillo, J.C., Auraha, N., Dyal, H., Patel, R., DiGiovine, B. Poster presentation at American Thoracic Society 2015.

A Negative Quantiferon –TB GOLD in-tube Assay in Active Military Tuberculosis. Auraha, N., Dyal, H., Fernandez-Castillo, J.C., Patel, R., DiGiovine, B. Poster presentation at Society of General Internal Medicine 2015.

A personal touch; case management—lead attempted reduction of COPD re-admission. Small, B. Fernandez-Castillo, J.C., Hurick-Miles, L., Swiderek, J. Poster presentation at American College of Chest Physicians 2015.

Severe rhabdomyolysis induced electrolyte abnormalities mimicking ST elevation myocardial infarction. Patel, R., Auraha, N., Dyal, H., Fernandez-Castillo, J.C., Nazneen, W. Poster presentation at American College of Chest Physicians 2014.

Aspergillus Bronchiolitis Mimicking Graft-Vs-Host Disease After Allogenic Unrelated Peripheral Stem Cell Transplant. Fernandez-Castillo, J.C., Calle, C., Thavarajah, K. Poster presentation at American Thoracic Society 2014.

Clinical Characteristics of Patients Admitted for Acute Exacerbation of COPD that Predict Shorter Length of Stay. Cerasale, M., Mroue, K., Fernandez-Castillo, J.C., Swiderek, J., Paje, D. J Gen Intern Med 2014 Apr; 29 Suppl 1:1-545. PMID: 2473722.

Readmission and Mortality Associated with Hyponatremia at the time of Discharge in Patients without Heart Failure or End-Stage Liver Disease. Harrison, M., Fuller, B., Fernandez-Castillo, J.C., Uppuluri, S., Kinni, H., Olarte-Merida, K., Paje, D. J Gen Intern Med. 2013 Jun;28 Suppl 1:S1-489. PMID: 23625304.

Demographic and Clinical Characteristics of Patients with Multidrug Resistant Pulmonary Tuberculosis. Fernandez-Castillo, J.C., Lopez Revilla, J. Oral presentation at Hospital Dos de Mayo Research Forum. 2007.

EXPERIENCIA DOCENTE

Coordinador / Moderador 06/2019-01/2023 Rondas de Antígeno Leucocitario Humano (HLA) – Programa de Trasplante de Pulmón de Toronto

Coordinador / Moderador 06/2019-01/2023 Rondas de Chronic Lung Allograft Dysfunction (CLAD) – Programa de Trasplante de Pulmón de Toronto

Preceptor de Clerkship 06/2019-01/2023 Medicina Interna – Toronto General Hospital

Preceptor de Clínica 06/2019-01/2023 Programa de Trasplante de Pulmón de Toronto

Preceptor de Clínica 06/2019-01/2023 Clínica de Respirología – Women’s College Hospital

Tutor de Taller 06/2019-01/2023 Pruebas de Función Pulmonar – Toronto General Hospital

Conferencista / Coordinador 06/2019-01/2023 Rondas Educativas de Trasplante de Pulmón – Toronto General Hospital

Conferencista 06/2019-01/2023 Sesión de Enseñanza en Unidad de Cuidados Intensivos – Toronto General Hospital

Conferencista 06/2019-01/2023 Orientación para Fellows de Trasplante – University Health Network

Tutor 03/2016-06/2018 Curso FHB: Function of the Human Body – Loyola University Chicago Stritch School of Medicine

Coordinador 03/2016-06/2018 Unidad de Cuidados Intensivos Médicos – Edward Hines Jr. Veterans Affairs Hospital

CONFERENCIAS IMPARTIDAS (Lista completa)

- Reconocimiento, fisiopatología y manejo de la disfunción primaria del injerto. Expert Moderator, Webinar ALAT – Capítulo de Trasplante Pulmonar. Marzo 2026.
- Chronic Lung Allograft Dysfunction. Webinar Society for Heart Failure and Transplantation. Kerala, India. Marzo 2026.
- ECMO as a bridge to transplant: Multicenter collaboration. HCA Florida Westside Hospital Grand Rounds. Florida, USA. Marzo 2026.
- Updates in Lung Transplant candidacy: What is new in 2026. Cleveland Clinic Florida Critical Care and Pulmonary Education session. Florida, USA. Enero 2026.
- ECMO bridge to transplant: Updates in clinical practice. Emory Transplant Center, Emory University. Lung Transplant Retreat Lecture. Atlanta, USA. Diciembre 2025.
- Next-Generation Diagnostics for Lung Pathogen Identification in Patients who are immunocompromised. CHEST Webinar. Noviembre 2025.
- Lung Transplantation: Indications and Contraindications. Congreso Estatal de Donacion y Transplantes 2025. TecSalud/Centro de Trasplantes Multiorganicos. Monterrey, México. Octubre 2025.
- Who is a Lung Transplant Candidate in 2025? Pulmonary Lecture Series. Lee Health System. Fort Myers, FL. Septiembre 2025.
- Exploring updates in Lung Transplant Candidacy. Internal Medicine Residency Lecture Series. Larkin Community Hospital. South Miami, FL. Septiembre 2025.
- Lung Transplantation Updates 2025. Pulmonary Fellowship Lecture Series. Broward Health North. Deerfield Beach, FL. Agosto 2025.
- Approach to the Lung Transplant Recipient dealing with an infection. Asociación Latinoamericana de Torax. Reunión Científica. Capítulo de Trasplante Pulmonar. Cancún, México. Julio 2025.
- Acute Cellular Rejection in Lung Transplantation. Asociación Latinoamericana de Torax. Reunión Científica. Capítulo de Trasplante Pulmonar. Cancún, México. Julio 2025.

- ECMO for the Patient with Irreversible Lung Disease. Lee Health Outreach Lecture. Fort Myers, FL. Junio 2025.
- ISHLT en Español Webinar: Un Reto Doble: Manejo de Infecciones en Trasplante de Pulmón y Corazón. Junio 2025.
- 11th State of the Science Critical Care Best Practice Symposium at Baptist Health CME. Updates in ECMO bridge to lung transplant. Baptist South Miami Hospital, Miami, Florida. Mayo 2025.
- From Bench to Bedside: Is Lung Transplant Ready for the dd-cfDNA Revolution? ISHLT CareDx Symposium. Boston, USA. Abril 2025.
- Immunosuppression for non-transplant physicians. Physical Medicine and Rehabilitation Residency Program. University of Miami. Abril 2025.
- Updates in Desensitization Protocol for lung transplant recipients in the ICU. University of Miami/Jackson Memorial Health System Pulmonary and Critical Care fellowship boot camp. Marzo 2025.
- Updates on ECMO bridge to transplant. Thoracic Unit/Lung Transplant Lecture series. Jackson Memorial Hospital. Marzo 2025.
- Lung Transplant Updates. Department of Medicine Grand Rounds. HCA Florida Kendall Hospital. Enero 2025.
- Extracorporeal life support bridge to Lung Transplantation: What we know about patient selection. Division of Pulmonary and Critical Care Medicine Grand Rounds. University of Miami/Jackson Memorial Hospital. Octubre 2024.
- Chronic Lung Allograft Dysfunction: Updates. Thoracic Unit/Lung Transplant Lecture series. Jackson Memorial Hospital. Agosto 2024.
- Desensitization Protocol for lung transplant recipients in the ICU. Thoracic Unit/Lung Transplant Lecture series. Jackson Memorial Hospital. Abril 2024.
- Critical Aspects in Maintenance Immunosuppression in Lung Transplantation. Hospital Calderon Guardia. San José, Costa Rica. Enero 2024.
- Primary Graft Dysfunction: Overview. Thoracic Unit/Lung Transplant Lecture series. Jackson Memorial Hospital. Noviembre 2023.
- Gastrointestinal complication in Lung Transplant Recipients. Asociación Latinoamericana de Torax. ALAT Conference. Punta Cana, República Dominicana. Agosto 2023.
- Who is a lung transplant candidate in 2023? Thoracic Unit Lecture series. Jackson Memorial Hospital. Marzo 2023.
- Induction Therapy and Desensitization Protocol for lung transplant recipients in the ICU. University of Miami/Jackson Memorial Health System Pulmonary and Critical Care fellowship boot camp. 2023.
- Chronic Lung Allograft Dysfunction: The Perfect Storm. Asociación Latinoamericana de Torax. Buenos Aires, Argentina. Mayo 2023.
- Induction Therapy and Maintenance Immunosuppression in Lung Transplantation. Lung Transplant Educational Series. University of Toronto. 2023.
- Disease and Pathophysiology of the Lung. Regenerative Medicine Course. University of Toronto. 2022.
- Overview of Induction Therapy and Maintenance Immunosuppression in Lung Transplantation. Refresher Course. Clínica Alemana. Santiago, Chile. 2022.

- Chronic Lung Allograft Dysfunction: A Transplant Respiriologist's Nightmare. Women's College Hospital. Toronto, Canadá. 2020.
 - Gastrointestinal Complications in Lung Transplant Recipients. University of Florida. Gainesville, FL, USA. 2019.
 - A Systematic Approach to Diffuse Cystic Lung Disease. Loyola University Medical Center. Chicago, IL, USA. 2018.
 - Approach to Common Pathogens in Patients with Cystic Fibrosis. Loyola University Medical Center. Chicago, IL, USA. 2017.
 - Overview of Cryptogenic Organizing Pneumonia. Loyola University Medical Center. Chicago, IL, USA. 2016.
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HONORES, PREMIOS Y RECONOCIMIENTOS

Faculty Educator of the Year Award 2025 Division of Pulmonary and Critical Care Medicine, University of Miami

American Thoracic Society EOPH Assembly Scholarship 2018

CHEST Fellows Travel Grant 2016

AST Fellows Travel Grant 2016

Resident Teacher of the Year Award 2015 Henry Ford Hospital / Wayne State University

EXPERIENCIA DE SERVICIO INSTITUCIONAL

Director Médico 03/2026 – Actual Programa de Trasplante de Pulmón Miami Transplant Institute – Jackson Memorial Hospital

Director de Investigación Clínica 07/2025 – Actual The Lung Center / Miami Transplant Institute

Miembro Clave del Core Faculty 06/2025 – Actual Fellowship en Neumología y Cuidados Críticos University of Miami / Jackson Memorial Hospital

Fundador y Moderador 03/2024 – Actual Reunión Multidisciplinaria de Complicaciones Gastrointestinales Relacionadas con Trasplante Jackson Memorial Hospital

Director Médico 03/2024 – Actual Servicios de Rehabilitación Pulmonar Jackson Health System

Editor de Redes Sociales 09/2023 – Actual *The Journal of Heart and Lung Transplantation*

Revisor de Manuscritos 09/2023 – Actual *The Journal of Heart and Lung Transplantation*

Miembro del Comité de Educación e Investigación 03/2023 – Actual The Lung Center – Jackson Memorial Hospital

AFILIACIONES PROFESIONALES

- American Thoracic Society 2015 – Actual
 - American College of Chest Physicians 2015 – Actual
 - The International Society for Heart & Lung Transplantation 2017 – Actual
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IDIOMAS

Español: Nativo **Inglés:** Fluido