



Kristina Kudelko

Clinical Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine

CLINICAL OFFICE (PRIMARY)

- **Pulmonary and Critical Care Medicine**

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Bio

CLINICAL FOCUS

- Pulmonary Hypertension
- Critical Care
- Pulmonary Disease

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Pulmonary, Allergy & Critical Care Medicine
- Member, Cardiovascular Institute

ADMINISTRATIVE APPOINTMENTS

- Associate Chair, Clinician Educator Faculty Affairs, Department of Medicine, (2023- present)
- Member, Steering Committee, Vera Moulton Wall Center for Pulmonary Vascular Disease, (2022- present)
- Co-Chair, Clinical Educator Advisory Council, Department of Medicine, (2020-2023)
- Director, Clinical Educator Faculty Career Development, Division of PACCM, (2020- present)
- Director, Faculty Wellness, Division of PACCM, (2020-2023)
- Director, Pulmonary Vascular Disease Fellowship, Vera Moulton Wall Center for Pulmonary Vascular Disease & Division of PACCM, (2015- present)
- Member, PACCM Fellowship Clinical Competency Committee, Division of PACCM, (2015- present)
- Director of Education, Vera Moulton Wall Center for Pulmonary Vascular Disease, (2014- present)
- Member, Professional Practice Evaluation Committee, Cardiac Intensive Care Unit, (2010- present)

HONORS AND AWARDS

- Teaching Award for the Division of Pulmonary and Critical Care Medicine, Department of Medicine, Stanford University Medical Center (2011)
- Clinical Fellowship in Pulmonary Vascular Disease, Vera Moulton Wall Center, Stanford University Medical Center (2008-2009)
- David E. Rogers Memorial Research Award, NY Presbyterian Hospital-Cornell (2005)

- National Institutes of Health Pre-Doctoral Intramural Training Award, National Human Genome Research Institute (1997-1998)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University (2009) CA
- Board Certification: Critical Care Medicine, American Board of Internal Medicine (2008)
- Fellowship: New York Presbyterian Hospital Weill Cornell (2008) NY
- Board Certification: Pulmonary Disease, American Board of Internal Medicine (2007)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2005)
- Residency: New York Presbyterian Hospital Weill Cornell (2005) NY
- Internship: New York Presbyterian Hospital Weill Cornell (2003) NY
- Medical Education: Perelman School of Medicine University of Pennsylvania (2002) PA
- B.S., Yale University , Biology, cum laude (1997)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Drugs and toxins-associated pulmonary arterial hypertension, clinical outcomes research, acute kidney injury in pulmonary arterial hypertension

PROJECTS

- Pulmonary Vascular Disease Fellowship National Consortium - Stanford University (2017)

Teaching

STANFORD ADVISEES

Postdoctoral Research Mentor

Laura Oppegard

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Pulmonary & Critical Care Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Evaluation and Management of Pulmonary Hypertension in Noncardiac Surgery: A Scientific Statement From the American Heart Association** *CIRCULATION*
Rajagopal, S., Ruetzler, K., Ghadimi, K. M., Horn, E., Kelava, M. T., Kudelko, K., Moreno-Duarte, I., Preston, I. L., Bovino, L. R., Smilowitz, N., Vaidya, A., Amer Heart Assoc Council, Council Cardiovasc Stroke Nursing
2023; 147 (17): 1317-1343
- **Prescription Patterns for Pulmonary Vasodilators in the Treatment of Pulmonary Hypertension Associated With Chronic Lung Diseases: Insights From a Clinician Survey.** *Frontiers in medicine*
Thomas, C. A., Lee, J., Bernardo, R. J., Anderson, R. J., Glinskii, V., Sung, Y. K., Kudelko, K., Hedlin, H., Sweatt, A., Kawut, S. M., Raj, R., Zamanian, R. T., de Jesus Perez, et al
1800; 8: 764815
- **Two Cases of Pulmonary Tumor Thrombotic Microangiopathy Associated with ROS1-Rearranged Non-Small-Cell Lung Cancer.** *Clinical lung cancer*
Shah, A. T., Bernardo, R. J., Berry, G. J., Kudelko, K., Wakelee, H. A.
2020
- **PROGNOSTIC VALUE OF THE RELATIVE PULMONARY PRESSURE RATIO AND ITS TRAJECTORY IN PATIENTS WITH PULMONARY ARTERIAL HYPERTENSION**

Bagherzadeh, S. P., Amsallem, M., Denault, A., Sweatt, A., Kudelko, K., Sung, Y., Haddad, F., Zamanian, R.
ELSEVIER SCIENCE INC.2020: 2096

- **Hemodynamic trajectories and outcomes in patients with pulmonary arterial hypertension.** *Pulmonary circulation*
Amsallem, M. n., Bagherzadeh, S. P., Boulate, D. n., Sweatt, A. J., Kudelko, K. T., Sung, Y. K., Feinstein, J. A., Fadel, E. n., Mercier, O. n., Denault, A. n., Haddad, F. n., Zamanian, R. n.
2020; 10 (4): 2045894020941343
- **Pulmonary Vascular Fellowship Training to Promote Excellence in PH Clinical Care: The Stanford Perspective.** *American College of Cardiology (acc.org)*
Kudelko, K., Zamanian, R., de Jesus Perez, V.
2020
- **EXPRESS: Myocardial Bridge - An Unrecognized Cause of Chest Pain in Pulmonary Arterial Hypertension.** *Pulmonary circulation*
Rajmohan, D. n., Sung, Y. K., Kudelko, K. n., Perez, V. i., Haddad, F. n., Tremmel, J. n., Schnittger, I. n., Zamanian, R. T., Spiekerkoetter, E. F.
2019: 2045894019860738
- **EXPRESS: Non-invasive Right Ventricular Load Adaptability Indices in Patients with Scleroderma-Associated Pulmonary Arterial Hypertension.** *Pulmonary circulation*
French, S., Amsallem, M., Ouazani, N., Li, S., Kudelko, K., Zamanian, R., Haddad, F., Chung, L.
2018: 2045894018788268
- **Features and Outcomes of Methamphetamine Associated Pulmonary Arterial Hypertension.** *American journal of respiratory and critical care medicine*
Zamanian, R. T., Hedlin, H. n., Greuenwald, P. n., Wilson, D. M., Segal, J. I., Jorden, M. n., Kudelko, K. n., Liu, J. n., Hsi, A. n., Rupp, A. n., Sweatt, A. J., Tuder, R. n., Berry, et al
2017
- **Special Considerations for the Pulmonary Hypertension Patient** *Pulmonary Hypertension: Basic Science to Clinical Medicine*
Kudelko, K. T., Zamanian, R. T., De Jesus Perez, V. A.
Springer.2016: 345–58
- **[POSTER] Benchmarking quality initiatives in the care of pulmonary arterial hypertension patients at an academic medical center.** *Am. J. Respir. Crit. Care Med.*
Kholidani, C., Hedlin, H., Hsi, A., Kudelko, K., Sung, Y., De Jesus Perez, V., Spiekerkoetter, E., Liu, J., Zamanian, R. T.
2016; A6304
- **Current Clinical Management of Pulmonary Arterial Hypertension** *CIRCULATION RESEARCH*
Zamanian, R. T., Kudelko, K. T., Sung, Y. K., Perez, V. D., Liu, J., Spiekerkoetter, E.
2014; 115 (1): 131-147
- **A case of recurrent pericardial constriction presenting with severe pulmonary hypertension** *PULMONARY CIRCULATION*
Brunner, N. W., Ramachandran, K., Kudelko, K. T., Sung, Y. K., Spiekerkoetter, E., Yang, P. C., Zamanian, R. T., Perez, V. d.
2013; 3 (2): 436-439
- **Safety and efficacy of transition from systemic prostanoids to inhaled treprostinil in pulmonary arterial hypertension.** *American journal of cardiology*
de Jesus Perez, V. A., Rosenzweig, E., Rubin, L. J., Poch, D., Bajwa, A., Park, M., Jain, M., Bourge, R. C., Kudelko, K., Spiekerkoetter, E., Liu, J., Hsi, A., Zamanian, et al
2012; 110 (10): 1546-1550
- **Airway Management and Perioperative Decision Making in the Patient With Severe Pulmonary Hypertension Who Requires Emergency Noncardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
Maxwell, B. G., Pearl, R. G., Kudelko, K. T., Zamanian, R. T., Hill, C. C.
2012; 26 (5): 940-944
- **Change in diffusing capacity for carbon monoxide as a predictor of outcomes in connective tissue disease-associated pulmonary arterial hypertension: Analysis from the REVEAL registry**
Zamanian, R., Kudelko, K., Miller, D., McGoon, M., Benza, R., Hassoun, P., Nicolls, M., Chung, L.
EUROPEAN RESPIRATORY SOC JOURNALS LTD.2012
- **The Intersection of Genes and Environment Development of Pulmonary Arterial Hypertension in a Patient With Hereditary Hemorrhagic Telangiectasia and Stimulant Exposure** *CHEST*
Ayala, E., Kudelko, K. T., Haddad, F., Zamanian, R. T., Perez, V. d.

2012; 141 (6): 1598-1600

- **Characteristics and Outcome After Hospitalization for Acute Right Heart Failure in Patients With Pulmonary Arterial Hypertension** *CIRCULATION-HEART FAILURE*
Haddad, F., Peterson, T., Fuh, E., Kudelko, K. T., Perez, V. D., Skhiri, M., Vagelos, R., Schnittger, I., Denault, A. Y., Rosenthal, D. N., Doyle, R. L., Zamanian, R. T.
2011; 4 (6): 692-699
- **Pulmonary Hypertension Associated With Left Heart Disease: Characteristics, Emerging Concepts, and Treatment Strategies** *PROGRESS IN CARDIOVASCULAR DISEASES*
Haddad, F., Kudelko, K., Mercier, O., Vrtovec, B., Zamanian, R. T., Perez, V. D.
2011; 54 (2): 154-167
- **Incidence, Correlates, and Consequences of Acute Kidney Injury in Patients With Pulmonary Arterial Hypertension Hospitalized With Acute Right-Side Heart Failure** *JOURNAL OF CARDIAC FAILURE*
Haddad, F., Fuh, E., Peterson, T., Skhiri, M., Kudelko, K. T., Perez, V. D., Winkelmayr, W. C., Doyle, R. L., Chertow, G. M., Zamanian, R. T.
2011; 17 (7): 533-539
- **Drugs and toxins-associated pulmonary arterial hypertension: lessons learned and challenges ahead.** *International journal of clinical practice. Supplement* de Jesus Perez, V., Kudelko, K., Snook, S., Zamanian, R. T.
2011: 8-10
- **[ABSTRACT] Reassessing vasoreactivity in patients with pulmonary arterial hypertension (PAH) over time shows both loss as well as gain in vasoreactivity.** *Am. J. Respir. Crit. Care Med.*
Spiekerkoetter E, Hsi A, De Jesus Perez V, Liu J, Saito S, Kudelko K, Zamanian RT
2011; 183: A5747
- **[ABSTRACT] Product of heart rate recovery and six minute walk distance as a predictor of outcomes in pulmonary arterial hypertension** *Am. J. Respir. Crit. Care Med.*
Zamanian RT, Spiekerkoetter E, Hsi A, de Jesus Perez V, Saito S, Haddad F, Kudelko K
2011; 183: A5935
- **[ABSTRACT] Change in hemoglobin-adjusted diffusion capacity for carbon monoxide as a marker of mortality in pulmonary hypertension** *Am J Respir Crit Care Med*
Saito S, Kudelko K, Skhiri M, Hsi A, Deal J, De Jesus Perez V, Spiekerkoetter E, Haddad F, Zamanian RT.
2011; 183: A5948
- **Epoprostenol-associated pneumonitis: Diagnostic use of a T-cell proliferation assay** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Kudelko, K. T., Nadeau, K., Leung, A. N., Liu, J., Haddad, F., Zamanian, R. T., Perez, V. D.
2010; 29 (9): 1071-1075
- **[ABSTRACT] Characteristics of patients with drugs and toxins-associated pulmonary arterial hypertension: a clinical and outcomes perspective** *Am. J. Respir. Crit. Care Med.*
Snook S, Kudelko K, Spiekerkoetter E, De Jesus Perez V, Haddad F, Doyle R, Zamanian RT
2009; 179: A4923
- **The Finland-United States Investigation of Non-Insulin-Dependent Diabetes Mellitus Genetics (FUSION) study. I. An autosomal genome scan for genes that predispose to type 2 diabetes** *AMERICAN JOURNAL OF HUMAN GENETICS*
Ghosh, S., Watanabe, R. M., Valle, T. T., Hauser, E. R., Magnuson, V. L., Langefeld, C. D., Ally, D. S., Mohlke, K. L., Silander, K., Kohtamaki, K., Chines, P., Balow, J., Birznieks, et al
2000; 67 (5): 1174-1185
- **The Finland-United States Investigation of Non-Insulin-Dependent Diabetes Mellitus Genetics (FUSION) study. II. An autosomal genome scan for diabetes-related quantitative-trait loci** *AMERICAN JOURNAL OF HUMAN GENETICS*
Watanabe, R. M., Ghosh, S., Langefeld, C. D., Valle, T. T., Hauser, E. R., Magnuson, V. L., Mohlke, K. L., Silander, K., Ally, D. S., Chines, P., Blaschak-Harvan, J., Douglas, J. A., Duren, et al
2000; 67 (5): 1186-1200
- **Type 2 diabetes: Evidence for linkage on chromosome 20 in 716 Finnish affected sib pairs** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Ghosh, S., Watanabe, R. M., Hauser, E. R., Valle, T., Magnuson, V. L., Erdos, M. R., Langefeld, C. D., Balow, J., Ally, D. S., Kohtamaki, K., Chines, P., Birznieks, G., Kaleta, et al

