

CURRICULUM VITAE

Corey Ventetuolo

Rhode Island Hospital
110 Lockwood St
POB Suite 224
Providence, Rhode Island 02903
401.444.0008
401.444.0094
corey_ventetuolo@brown.edu

EDUCATION

Undergraduate	5/1999	University of Pennsylvania Philadelphia, PA, Major: Biological Basis of Behavior, Minor: Biology, B.A., Magna cum laude Distinction in Major
Medical School	5/2003	Tufts University Boston, MA, M.D., Medicine
Other Advanced Degrees	5/2011	Mailman School of Public Health, Columbia University New York, NY, M.S.

POSTGRADUATE TRAINING

7/2003-6/2004	Brown Medical School Residency Program, Rhode Island Hospital/Miriam Hospital/VA Medical Center Providence, RI, Intern, Internal Medicine
7/2004-6/2006	Brown Medical School Residency Program, Rhode Island Hospital/Miriam Hospital/VA Medical Center Providence, RI, Resident, Internal Medicine
7/2006-6/2007	Brown Medical School Residency Program, Rhode Island Hospital/Miriam Hospital/VA Medical Center Providence, RI, Chief Resident, Internal Medicine
7/2007-6/2009	Columbia University, New York Presbyterian Hospital, New York, NY, Clinical Fellow, Division of Pulmonary, Allergy, and Critical Care Medicine, Included specialized pulmonary vascular disease training, University of Colorado, Weill-Cornell Heart Failure Center
7/2009-6/2010	Columbia University College of Physicians and Surgeons, New York Presbyterian Hospital New York, NY, Research Fellow, Division of Pulmonary, Allergy, and Critical Care Medicine

POSTGRADUATE HONORS AND AWARDS

5/1998	Mie Kim Najita Fellowship, Parmly Hearing Institute, Loyola University of Chicago
--------	---

5/1999	Rose Award for Excellence in Undergraduate Research, University of Pennsylvania
5/2003	The Charles and Jane Brusch Prize. Awarded to a graduating medical student for “achievement in the art and skill of the doctor-patient relationship and a high degree of understanding, integrity, and maturity in the care of the patient,” Tufts University
5/2006	Housestaff Teaching Award, Brown Medical School Residency Program
7/2006-6/2007	Haffenreffer Fellow in Medical Sciences, Rhode Island Hospital and Brown Medical School
5/2007	Member, Alpha Omega Alpha
2009	Presidential Citation Award, Society of Critical Care Medicine
5/2009	Trainee Travel Award, American Thoracic Society International Conference 2009 Presidential Citation Award, Society of Critical Care Medicine
2010	Chief Fellow, Pulmonary/Critical Care Medicine Fellowship, Columbia University College of Physicians and Surgeons
2013	“40 Under 40”, Providence Business News
2013	Teacher of the Year Award, Division of Pulmonary, Sleep, and Critical Care Medicine, Alpert Medical School of Brown University
2016	2016 Resident Teaching Award, Internal Medicine Residency Program, Alpert Medical School of Brown University
2016	Beckwith Family Award of Outstanding Teaching, Alpert Medical School of Brown University, Department of Medicine
2020	Nominee, Brown University, 2020 Innovators in Science Award, New York Academy of Sciences
2022	Mentor, Parker B. Francis Fellowship Program
5/2023	Dean’s Award for Excellence in Graduate and Postdoctoral Teaching and Mentoring in the Biological Sciences, Alper Medical School of Brown University †
5/2024	Mid-Career Research Achievement Award, Brown University

† *Diversity, Equity, and Inclusion (DEI) activity*

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

6/2011	Medical license, Rhode Island
11/2019	American Board of Internal Medicine: Critical Care
11/2019	American Board of Internal Medicine: Pulmonary Disease

ACADEMIC APPOINTMENTS

7/2010-6/2011	Instructor of Medicine, Columbia University College of Physicians and Surgeons, NY, NY
7/2011-6/2012	Instructor of Medicine, Alpert Medical School of Brown University, Providence, RI
7/2012-6/2018	Assistant Professor, Department of Health Services, Policy and Practice, Brown University, Providence, RI
7/2012-6/2018	Assistant Professor of Medicine, Alpert Medical School of Brown University, Providence, RI
2016-2020	Director of Research, Division of Pulmonary, Critical Care and Sleep Medicine, Alpert Medical School of Brown University, Providence, RI
12/2017-5/2025	Associate Professor of Medicine, Alpert Medical School of Brown University, Providence, RI
7/2018-5/2025	Associate Professor, Department of Health Services, Policy and Practice, Brown University, Providence, RI
2020-	Director of Academic Affairs, Division of Pulmonary, Critical Care, and Sleep Medicine, Alpert Medical School of Brown University, Providence, RI †
12/2021-9/2025	Associate Chief, Division of Pulmonary, Critical Care, and Sleep Medicine, Alpert Medical School of Brown University, Providence, RI
5/2025-	Professor of Medicine, Alpert Medical School of Brown University, Providence, RI
5/2025-	Professor, Department of Health Services, Policy and Practice, Brown University, Providence, RI
11/2025	Director, Division of Pulmonary, Critical Care and Sleep Medicine, Alpert Medical School of Brown University and Brown University Health

† Diversity, Equity, and Inclusion (DEI) activity

HOSPITAL APPOINTMENTS

7/2010-6/2011	Attending Physician, New York Presbyterian Hospital, NY, NY
7/2011-12/2021	Associate Director, Pulmonary Hypertension Center, Rhode Island Hospital
7/2011-	Attending Physician, Division of Pulmonary, Critical Care, and Sleep Medicine, Lifespan/Rhode Island and Miriam Hospitals, Providence, RI
7/2011-	Medical Director, Adult ECLS Program, Brown University Health, Providence, RI
6/2016-12/2020	Director of Research, Division of Pulmonary, Critical Care, and Sleep Medicine, Brown University Health, Providence, RI
8/2016-	Attending Physician, Division of Pulmonary, Critical Care, and Sleep Medicine, Brown University Health, Providence, RI

12/2020- Director of Academic Affairs, Alpert Medical School of Brown University
 12/2021- Associate Chief, Alpert Medical School of Brown University
 10/2023 Inaugural Director, Center for Advanced Lung Care, Brown University Health, Providence, RI †

† Diversity, Equity, and Inclusion (DEI) activity

OTHER APPOINTMENTS

Peer Reviewer, American Journal of Physiology Heart and Circulatory Physiology
 Peer Reviewer, American Journal of Respiratory and Critical Care Medicine
 Peer Reviewer, Annals of the American Thoracic Society
 Peer Reviewer, Arthritis & Rheumatology
 Peer Reviewer, Arthritis and Rheumatism Biomarkers
 Peer Reviewer, Circulation
 Peer Reviewer, Circulation: Cardiovascular Imaging, Circulation: Heart Failure
 Circulation Research
 Peer Reviewer, Critical Care Medicine
 Peer Reviewer, European Respiratory Journal
 Peer Reviewer, Hypertension
 Peer Reviewer, Intensive Care Medicine
 Peer Reviewer, Journal of Clinical Investigation
 Peer Reviewer, Journal of the American College of Cardiology
 Peer Reviewer, Lancet, Respiratory Medicine
 Peer Reviewer, PLOS Medicine

2008-2010 Program Committee, Society of Critical Care Medicine, International Meeting
 5/2012-5/2017 Pulmonary Circulation Program Committee, American Thoracic Society
 1/2013- Pulmonary Hypertension Care Centers Initiative Committee Registry Task Force, Pulmonary Hypertension Association
 8/2013- Pulmonary Vascular Disease Steering Committee, American College of Chest Physicians
 5/2014-5/2016, Nominating Committee, Pulmonary Circulation Assembly, American Thoracic Society
 2020-2021

2015	First Author, Writing Committee, "Extracorporeal Life Support for Pulmonary Arterial Hypertension and Right Ventricular Failure", Extracorporeal Life Support Organization Guidelines
2015	Member, Scientific Sessions Committee, Pulmonary Hypertension Association's 2016 International Conference and Scientific Sessions
2015	Study section scientific reviewer, Peer Reviewed Medical Research Program (PRMRP) for the Department of Defense Congressionally Directed Medical Research Programs
2017-2021	Member, Early Career Committee, 3CPR Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation, American Heart Association
2017-1/2024	Board Member, Brown Physicians, Inc. Brown Medicine
2017-	Associate Editor, Annals of the American Thoracic Society
2017-	Chair, PH Care Center Communications Committee, Pulmonary Hypertension Association
9/2017	Invited Speaker, Right Heart Failure Workshop, NHLBI
2018, 2019	Ad hoc scientific reviewer, NHLBI Mentored Patient-Oriented Research Review Committee, National Institutes of Health
2018	Data Safety Monitoring Board Member, ELAFIN 01&02 "Elafin Therapy in Pulmonary Arterial Hypertension"
2018	Reviewer, CHEST Foundation Grants
2018	Reviewer, Dutch Heart Foundation
2018-2019	Scientific Advisory Committee, American Thoracic Society
2018-	Scientific Leadership Council Education Committee, Pulmonary Hypertension Association
6/2018-	Scientific Leadership Council, Pulmonary Hypertension Association
2019-2020	Chair, Scientific Sessions Committee,, Pulmonary Hypertension Association's 2020 International Conference and Scientific Sessions
2019-6/2023	Member, Respiratory Integrative Biology and Translational Research, Study Section, National Institutes of Health
2019-	Editorial Board Member, American College of Chest Physicians, CHEST
2021	Reviewer, CHEST Foundation Critical Care Research Grant
2021-2022	Program Chair-Elect, Pulmonary Circulation Assembly, American Thoracic Society 2022 International Conference
2021-	Member At Large, 3CPR Leadership Committee, Council of Cardiopulmonary Critical Care, Perioperative and Resuscitation, American Heart Association

- 2021- Member At Large, 3CPR Scientific & Clinical Education Lifelong Learning Committee, Council of Cardiopulmonary Critical Care, Perioperative and Resuscitation, American Heart Association
- 2021- Pulmonary Disease Longitudinal Knowledge Assessment Approval Committee, American Board of Internal Medicine
- 2022-5/2023 Program Chair, Pulmonary Circulation Assembly, American Thoracic Society 2023 International Conference
- 2022-12/2023 Planning Committee, Pulmonary Vascular Research Institute, 2024 International Meeting
- 2022- Editorial Board Member, American Journal of Respiratory and Critical Care Medicine
- 4/2023-4/2024 Fellow, Executive Leadership in Academic Medicine †
- 11/2023 Fellow, American Heart Association
- 5/2024 Scientific Grant Review Committee, American Thoracic Society
- 5/2024- Chair-Elect, Pulmonary Circulation Assembly, American Thoracic Society †
- 5/2025- Chair, Pulmonary Circulation Assembly, American Thoracic Society

† Diversity, Equity, and Inclusion (DEI) activity

HOSPITAL COMMITTEES

- 7/2005-7/2007 Curriculum Committee/Wards Redesign, Internal Medicine Residency Program Rhode Island Hospital
- 7/2011-6/2013 Quality Initiative Committee, Quality Officer for the Division of Pulmonary, Critical Care, and Sleep Medicine, Lifespan/Rhode Island and Miriam Hospitals
- 2018- Research Advisory Committee, Lifespan Hospital System
- 2019- Predictive Analytics Oversight Committee, Lifespan Hospital System
- 2020- COVID Advisory Committee, Institutional Review Board, Lifespan Hospital System
- 2022- Research Computing and Data Committee, Lifespan Hospital System

UNIVERSITY COMMITTEES

- 1999-2002 Member, Medical Education Review Committee, Tufts University
- 8/2005-7/2007 Member, Physicians Health Committee, Rhode Island
- 10/2011- Member, Resident Selection Committee, Internal Medicine Residency Program, Alpert Medical School of Brown University

2018-	Member, Brown Medicine Research Review Committee
2019-	Member, Advance K Curriculum Committee, Alpert Medical School of Brown University
7/2022-6/2025	Elected Member, Medical Faculty Executive Committee, Alpert Medical School of Brown University
9/2022-6/2025	Member, Recruitment and Retention Subcommittee, Medical Faculty Executive Committee, Alpert Medical School of Brown University
4/2023-	Committee Member, Clinical Studies, Brown Innovation and Research Collaborative for Health (BIRCH), Alpert Medical School of Brown University

MEMBERSHIP IN SOCIETIES

2003-2007	Member, American College of Physicians
2006-2007	Member, Rhode Island Medical Society
2008-2015	Member, Society of Critical Care Medicine
2009-	Member, American Thoracic Society
2009-	Member, Pulmonary Hypertension Association
2011-	Member, Extracorporeal Life Support Organization
2012-	Member, American College of Chest Physicians
2012-	Member, American Heart Association
2013-	Member, International Society for Heart and Lung Transplantation

PUBLICATIONS LIST

* Co-author, ** Mentee

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Saunders JC, **Ventetuolo CE**, Plontke SK, Weiss BA. Coding of sound intensity in the chick cochlear nerve. J Neurophysiol. 2002 Dec;88(6):2887-2898. PMID: 12466415. <https://doi.org/10.1152/jn.00381.2002>
2. **Ventetuolo CE**, Levy MM. Sepsis: a clinical update. Clin J Am Soc Nephrol. 2008 Mar;3(2):571-577. PMID: 17989202. PMCID: PMC6631078. <https://doi.org/10.2215/CJN.01370307>. Epub 2007 Nov 7
3. **Ventetuolo CE**, Benza RL, Peacock AJ, Zamanian RT, Badesch DB, Kawut SM. Surrogate and combined end points in pulmonary arterial hypertension. Proc Am Thorac Soc. 2008 Jul 15;5(5):617-622. PMID: 18625754. <https://doi.org/10.1513/pats.200803-029SK>

4. **Ventetuolo CE**, Levy MM. Biomarkers: diagnosis and risk assessment in sepsis. *Clin Chest Med*. 2008 Dec;29(4):591-603, vii. PMID: 18954695. <https://doi.org/10.1016/j.ccm.2008.07.001>
5. Mongero LB, Brodie D, Cunningham J, **Ventetuolo C**, Kim H, Sylvan E, Bacchetta MD. Extracorporeal membrane oxygenation for diffuse alveolar hemorrhage and severe hypoxemic respiratory failure from silicone embolism. *Perfusion*. 2010 Jul;25(4):249-52; discussion 253. PMID: 20566586. <https://doi.org/10.1177/0267659110375327>. Epub 2010 Jun 21
6. **Ventetuolo CE**, Ouyang P, Bluemke DA, Tandri H, Barr RG, Bagiella E, Cappola AR, Bristow MR, Johnson C, Kronmal RA, Kizer JR, Lima JA, Kawut SM. Sex hormones are associated with right ventricular structure and function: The MESA-right ventricle study. *Am J Respir Crit Care Med*. 2011 Mar 1;183(5):659-667. PMID: 20889903. PMCID: PMC3081282. <https://doi.org/10.1164/rccm.201007-1027OC>. Epub 2010 Oct 1 †
7. **Ventetuolo CE**, Levy MM. Cardiac biomarkers in the critically ill. *Crit Care Clin*. 2011 Apr;27(2):327-343. PMID: 21440204. <https://doi.org/10.1016/j.ccc.2010.12.004>
8. **Ventetuolo CE**, Klinger JR. WHO Group 1 pulmonary arterial hypertension: current and investigative therapies. *Prog Cardiovasc Dis*. 2012;55(2):89-8103. PMID: 23009906. <https://doi.org/10.1016/j.pcad.2012.07.002>
9. Poor HD, **Ventetuolo CE**. Pulmonary hypertension in the intensive care unit. *Prog Cardiovasc Dis*. 2012;55(2):187-198. PMID: 23009915. <https://doi.org/10.1016/j.pcad.2012.07.001>
10. **Ventetuolo CE**, Barr RG, Bluemke DA, Jain A, Delaney JA, Hundley WG, Lima JA, Kawut SM. Selective serotonin reuptake inhibitor use is associated with right ventricular structure and function: the MESA-right ventricle study. *PLoS One*. 2012;7(2):e30480. PMID: 22363441. PMCID: PMC3281845. <https://doi.org/10.1371/journal.pone.0030480>. Epub 2012 Feb 17 †
11. **Ventetuolo CE**, Lima JA, Barr RG, Bristow MR, Bagiella E, Chahal H, Kizer JR, Lederer DJ, Bluemke DA, Kawut SM. The renin-angiotensin system and right ventricular structure and function: The MESA-Right Ventricle Study. *Pulm Circ*. 2012 Jul;2(3):379-386. PMID: 23130107. PMCID: PMC3487307. <https://doi.org/10.4103/2045-8932.101657> †
12. **Ventetuolo CE**, Kawut SM, Lederer DJ. Plasma endothelin-1 and vascular endothelial growth factor levels and their relationship to hemodynamics in idiopathic pulmonary fibrosis. *Respiration*. 2012;84(4):299-305. PMID: 22869459. PMCID: PMC3495134. <https://doi.org/10.1159/000339105>. Epub 2012 Aug 3
13. Dibble CT, Shimbo D, Barr RG, Bagiella E, Chahal H, **Ventetuolo CE**, Herrington DM, Lima JAC, Bluemke DA, Kawut SM. Brachial artery diameter and the right ventricle: the Multi-Ethnic Study of Atherosclerosis-right ventricle study. *Chest*. 2012 Dec;142(6):1399-1405. PMID: 22661452. PMCID: PMC3515023. <https://doi.org/10.1378/chest.12-0028> †
14. Thomashow MA, Shimbo D, Parikh MA, Hoffman EA, Vogel-Claussen J, Hueper K, Fu J, Liu CY, Bluemke DA, **Ventetuolo CE**, Doyle MF, Barr RG. Endothelial microparticles in mild chronic obstructive pulmonary disease and emphysema. The Multi-Ethnic Study of Atherosclerosis Chronic Obstructive Pulmonary Disease study. *Am J Respir Crit Care Med*. 2013 Jul 1;188(1):60-68. PMID: 23600492. PMCID: PMC3735242. <https://doi.org/10.1164/rccm.201209-1697OC> †

15. **Ventetuolo CE**, Praestgaard A, Palevsky HI, Klinger JR, Halpern SD, Kawut SM. Sex and haemodynamics in pulmonary arterial hypertension. *Eur Respir J*. 2014 Feb;43(2):523-530. PMID: 23949961. PMCID: PMC4338984. <https://doi.org/10.1183/09031936.00027613>. Epub 2013 Aug 15 †
16. **Ventetuolo CE**, Klinger JR. Management of acute right ventricular failure in the intensive care unit. *Ann Am Thorac Soc*. 2014 Jun;11(5):811-822. PMID: 24828526. PMCID: PMC4225807. <https://doi.org/10.1513/AnnalsATS.201312-446FR>
17. **Ventetuolo CE**, Gabler NB, Fritz JS, Smith KA, Palevsky HI, Klinger JR, Halpern SD, Kawut SM. Are hemodynamics surrogate end points in pulmonary arterial hypertension?. *Circulation*. 2014 Aug 26;130(9):768-775. PMID: 24951771. PMCID: PMC4146736. <https://doi.org/10.1161/CIRCULATIONAHA.114.009690>. Epub 2014 Jun 20
18. **Ventetuolo CE**, Muratore CS. Extracorporeal life support in critically ill adults. *Am J Respir Crit Care Med*. 2014 Sep 1;190(5):497-508. PMID: 25046529. PMCID: PMC4214087. <https://doi.org/10.1164/rccm.201404-0736CI>
19. Leary PJ, Barr RG, Bluemke DA, Bristow MR, Kronmal RA, Lima JA, Ralph DD, **Ventetuolo CE**, Kawut SM. H2 receptor antagonists and right ventricular morphology: the MESA right ventricle study. *Ann Am Thorac Soc*. 2014 Nov;11(9):1379-1386. PMID: 25295642. PMCID: PMC4298988. <https://doi.org/10.1513/AnnalsATS.201407-344OC> †
20. Sangal RB, Taylor LE, Gillani F, Poppas A, Klinger JR, **Ventetuolo CE**. Risk of echocardiographic pulmonary hypertension in individuals with human immunodeficiency virus-hepatitis C virus coinfection. *Ann Am Thorac Soc*. 2014 Dec;11(10):1553-1559. PMID: 25375659. PMCID: PMC4298977. <https://doi.org/10.1513/AnnalsATS.201405-225OC> †
21. Chu DC, Abu-Samra AG, Baird GL, Devers C, Sweeney J, Levy MM, Muratore CS, **Ventetuolo CE**. Quantitative measurement of heparin in comparison with conventional anticoagulation monitoring and the risk of thrombotic events in adults on extracorporeal membrane oxygenation. *Intensive Care Med*. 2015 Feb;41(2):369-370. PMID: 25465907. PMCID: PMC4576157. <https://doi.org/10.1007/s00134-014-3574-3>. Epub 2014 Dec 3
22. Matura LA, **Ventetuolo CE**, Palevsky HI, Lederer DJ, Horn EM, Mathai SC, Pinder D, Archer-Chicko C, Bagiella E, Roberts KE, Tracy RP, Hassoun PM, Girgis RE, Kawut SM. Interleukin-6 and tumor necrosis factor- α are associated with quality of life-related symptoms in pulmonary arterial hypertension. *Ann Am Thorac Soc*. 2015 Mar;12(3):370-375. PMID: 25615959. PMCID: PMC4418312. <https://doi.org/10.1513/AnnalsATS.201410-463OC>
23. **Ventetuolo CE**, Kawut SM. What's the (end) point?. *Eur Respir J*. 2015 Mar;45(3):853-854. PMID: 25726539. <https://doi.org/10.1183/09031936.00191314>
24. **Ventetuolo CE**, Mitra N, Wan F, Manichaikul A, Barr RG, Johnson C, Bluemke DA, Lima JA, Tandri H, Ouyang P, Kawut SM. Oestradiol metabolism and androgen receptor genotypes are associated with right ventricular function. *Eur Respir J*. 2016 Feb;47(2):553-563. PMID: 26647441. PMCID: PMC4831135. <https://doi.org/10.1183/13993003.01083-2015>. Epub 2015 Dec 2 †
25. **Ventetuolo CE**, Baird GL, Barr RG, Bluemke DA, Fritz JS, Hill NS, Klinger JR, Lima JA, Ouyang P, Palevsky HI, Palmisciano AJ, Krishnan I, Pinder D, Preston IR, Roberts KE, Kawut

- SM. Higher Estradiol and Lower Dehydroepiandrosterone-Sulfate Levels Are Associated with Pulmonary Arterial Hypertension in Men. *Am J Respir Crit Care Med*. 2016 May 15;193(10):1168-1175. PMID: 26651504. PMCID: PMC4872665. <https://doi.org/10.1164/rccm.201509-1785OC> †
26. Aliotta JM, Pereira M, Wen S, Dooner MS, Del Tatto M, Papa E, Goldberg LR, Baird GL, **Ventetuolo CE**, Quesenberry PJ, Klinger JR. Exosomes induce and reverse monocrotaline-induced pulmonary hypertension in mice. *Cardiovasc Res*. 2016 Jun 1;110(3):319-330. PMID: 26980205. PMCID: PMC4872877. <https://doi.org/10.1093/cvr/cvw054>. Epub 2016 Mar 14
 27. Foderaro A, **Ventetuolo CE**. Pulmonary Arterial Hypertension and the Sex Hormone Paradox. *Curr Hypertens Rep*. 2016 Nov;18(11):84. PMID: 27832457. <https://doi.org/10.1007/s11906-016-0689-7> †
 28. Foderaro AE, Baird GL, Bazargan-Lari A, Morrissey PE, Gohh RY, Poppas A, Klinger JR, **Ventetuolo CE**. Echocardiographic Pulmonary Hypertension Predicts Post-transplantation Renal Allograft Failure. *Transplant Proc*. 2017;49(6):1256-1261. PMID: 28735990. PMCID: PMC5567835. <https://doi.org/10.1016/j.transproceed.2017.01.085>
 29. Chatterjee NA, Shah RV, Murthy VL, Praestgaard A, Shah SJ, **Ventetuolo CE**, Barr RG, Kronmal R, Lima JA, Bluemke DA, Jerosch-Herold M, Alonso A, Kawut SM. Right Ventricular Structure and Function Are Associated With Incident Atrial Fibrillation: MESA-RV Study (Multi-Ethnic Study of Atherosclerosis-Right Ventricle). *Circ Arrhythm Electrophysiol*. 2017 Jan;10(1):e004738. PMID: 28082528. PMCID: PMC5261825. <https://doi.org/10.1161/CIRCEP.116.004738> †
 30. Kawut SM, Archer-Chicko CL, DeMichele A, Fritz JS, Klinger JR, Ky B, Palevsky HI, Palmisciano AJ, Patel M, Pinder D, Propert KJ, Smith KA, Stanczyk F, Tracy R, Vaidya A, Whittenhall ME, **Ventetuolo CE**. Anastrozole in Pulmonary Arterial Hypertension. A Randomized, Double-Blind, Placebo-controlled Trial. *Am J Respir Crit Care Med*. 2017 Feb 1;195(3):360-368. PMID: 27602993. PMCID: PMC5328182. <https://doi.org/10.1164/rccm.201605-1024OC> †
 31. Banerjee D, Kamuren J, Baird GL, Palmisciano A, Krishnan I, Whittenhall M, Klinger JR, **Ventetuolo CE**. The Modified Borg Dyspnea Scale does not predict hospitalization in pulmonary arterial hypertension. *Pulm Circ*. 2017;7(2):384-390. PMID: 28597751. PMCID: PMC5467923. <https://doi.org/10.1177/2045893217695568>. Epub 2017 Mar 16
Available from: www.mededportal.org/publication/9734
 32. Banerjee D, Kamuren J, Baird GL, Palmisciano A, Krishnan I, Whittenhall M, Klinger JR, **Ventetuolo CE**. The Modified Borg Dyspnea Scale does not predict hospitalization in pulmonary arterial hypertension. *Pulm Circ*. 2017;7(2):384-390. PMID: 28597751. PMCID: PMC5467923. <https://doi.org/10.1177/2045893217695568>. Epub 2017 Mar 16
 33. Banerjee D, **Ventetuolo CE**. Pulmonary Hypertension in Pregnancy. *Semin Respir Crit Care Med*. 2017 Apr;38(2):148-159. PMID: 28561246. <https://doi.org/10.1055/s-0037-1602242>. Epub 2017 May 22 †
 34. Simmons J, **Ventetuolo CE**. Cardiopulmonary monitoring of shock. *Curr Opin Crit Care*. 2017 Jun;23(3):223-231. PMID: 28398907. PMCID: PMC5678958. <https://doi.org/10.1097/MCC.0000000000000407>

35. Aliotta JM, Pereira M, Wen S, Dooner MS, Del Tatto M, Papa E, Cheng Y, Goldberg L, **Ventetuolo CE**, Liang O, Klinger JR, Quesenberry PJ. Bone Marrow Endothelial Progenitor Cells Are the Cellular Mediators of Pulmonary Hypertension in the Murine Monocrotaline Injury Model. *Stem Cells Transl Med*. 2017 Jul;6(7):1595-1606. PMID: 28474513. PMCID: PMC5689760. <https://doi.org/10.1002/sctm.16-0386>. Epub 2017 May 5
36. Liang OD, So EY, Egan PC, Goldberg LR, Aliotta JM, Wu KQ, Dubielecka PM, **Ventetuolo CE**, Reginato AM, Quesenberry PJ, Klinger JR. Endothelial to haematopoietic transition contributes to pulmonary arterial hypertension. *Cardiovasc Res*. 2017 Nov 1;113(13):1560-1573. PMID: 29016733. PMCID: PMC5852529. <https://doi.org/10.1093/cvr/cvx161>
37. **Ventetuolo CE**, Hess E, Austin ED, Barón AE, Klinger JR, Lahm T, Maddox TM, Plomondon ME, Thompson L, Zamanian RT, Choudhary G, Maron BA. Sex-based differences in Veterans with pulmonary hypertension: Results from the Veterans Affairs-Clinical Assessment Reporting and Tracking Database. *PLoS One*. 2017;12(11):e0187734. PMID: 29121097. PMCID: PMC5679554. <https://doi.org/10.1371/journal.pone.0187734>. Epub 2017 Nov 9 †
38. Baird GL, Archer-Chicko C, Barr RG, Bluemke DA, Foderaro AE, Fritz JS, Hill NS, Kawut SM, Klinger JR, Lima JAC, Mullin CJ, Ouyang P, Palevsky HI, Palmisicano AJ, Pinder D, Preston IR, Roberts KE, Smith KA, Walsh T, Whittenhall M, **Ventetuolo CE**. Lower DHEA- S levels predict disease and worse outcomes in post-menopausal women with idiopathic, connective tissue disease- and congenital heart disease-associated pulmonary arterial hypertension. *Eur Respir J*. 2018 Jun 28;51(6). pii: 1800467. †
39. Banerjee D, Vargas SE, Guthrie KM, Wickham BM, Allahua M, Whittenhall ME, Palmisciano AJ, **Ventetuolo CE**. Sexual health and health-related quality of life among women with pulmonary arterial hypertension. *Pulm Circ*. 2018;8(4):2045894018788277. PMID: 30124126. PMCID: PMC6102766. <https://doi.org/10.1177/2045894018788277> †
40. Eltorai AEM, Baird GL, Pangborn J, Eltorai AS, Antoci V Jr, Paquette K, Connors K, Barbaria J, Smeals KJ, Riley B, Patel SA, Agarwal S, Healey TT, **Ventetuolo CE**, Sellke FW, Daniels AH. Financial Impact of Incentive Spirometry. *Inquiry*. 2018;55:46958018794993. PMID: 30175643. PMCID: PMC6122234. <https://doi.org/10.1177/0046958018794993>
41. Eltorai AEM, Szabo AL, Antoci V Jr, **Ventetuolo CE**, Elias JA, Daniels AH, Hess DR. Clinical Effectiveness of Incentive Spirometry for the Prevention of Postoperative Pulmonary Complications. *Respir Care*. 2018 Mar;63(3):347-352. PMID: 29279365. <https://doi.org/10.4187/respcare.05679>. Epub 2017 Dec 26
42. Abbasi A, Devers C, Muratore CS, Harrington C, **Ventetuolo CE**. Examining the role of extracorporeal membrane oxygenation in patients following suspected or confirmed suicide attempts: A case series. *J Crit Care*. 2018 Apr;44:445-449. PMID: 29203213. PMCID: PMC6404746. <https://doi.org/10.1016/j.jcrc.2017.10.025>. Epub 2017 Oct 18
43. Abbasi A, Devers C, Muratore CS, Harrington C, **Ventetuolo CE**. Examining the role of extracorporeal membrane oxygenation in patients following suspected or confirmed suicide attempts: A case series. *J Crit Care*. 2018 Apr;44:445-449. PMID: 29203213. PMCID: PMC6404746. <https://doi.org/10.1016/j.jcrc.2017.10.025>. Epub 2017 Oct 18

44. Eltorai AEM, Baird GL, Eltorai AS, Pangborn J, Antoci V Jr, Cullen HA, Paquette K, Connors K, Barbaria J, Smeals KJ, Agarwal S, Healey TT, **Ventetuolo CE**, Sellke FW, Daniels AH. Perspectives on Incentive Spirometry Utility and Patient Protocols. *Respir Care*. 2018 May;63(5):519-531. PMID: 29362216. <https://doi.org/10.4187/respcare.05872>. Epub 2018 Jan 23
45. Eltorai AEM, Baird GL, Eltorai AS, Pangborn J, Antoci V Jr, Cullen HA, Paquette K, Connors K, Barbaria J, Smeals KJ, Agarwal S, Healey TT, **Ventetuolo CE**, Sellke FW, Daniels AH. Incentive Spirometry Adherence: A National Survey of Provider Perspectives. *Respir Care*. 2018 May;63(5):532-537. PMID: 29362219. <https://doi.org/10.4187/respcare.05882>. Epub 2018 Jan 23
46. Baird GL, Archer-Chicko C, Barr RG, Bluemke DA, Foderaro AE, Fritz JS, Hill NS, Kawut SM, Klinger JR, Lima JAC, Mullin CJ, Ouyang P, Palevsky HI, Palmisicano AJ, Pinder D, Preston IR, Roberts KE, Smith KA, Walsh T, Whittenhall M, **Ventetuolo CE**. Lower DHEA-S levels predict disease and worse outcomes in post-menopausal women with idiopathic, connective tissue disease- and congenital heart disease-associated pulmonary arterial hypertension. *Eur Respir J*. 2018 Jun;51(6):1800467. PMID: 29954925. PMCID: PMC6469347. <https://doi.org/10.1183/13993003.00467-2018>. Epub 2018 Jun 28 †
47. Lahm T, Douglas IS, Archer SL, Bogaard HJ, Chesler NC, Haddad F, Hemnes AR, Kawut SM, Kline JA, Kolb TM, Mathai SC, Mercier O, Michelakis ED, Naeije R, Tuder RM, **Ventetuolo CE**, Vieillard-Baron A, Voelkel NF, Vonk-Noordegraaf A, Hassoun PM, American Thoracic Society Assembly on Pulmonary Circulation. Assessment of Right Ventricular Function in the Research Setting: Knowledge Gaps and Pathways Forward. An Official American Thoracic Society Research Statement. *Am J Respir Crit Care Med*. 2018 Aug 15;198(4):e15-e43. PMID: 30109950. PMCID: PMC6835085. <https://doi.org/10.1164/rccm.201806-1160ST>
48. Mullin CJ, **Ventetuolo CE**. Nothing but a Number? Age and Precision Treatment in Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med*. 2018 Oct 15;198(8):986-988. PMID: 29986149. <https://doi.org/10.1164/rccm.201806-1075ED>
49. Mullin CJ, Kato GJ, **Ventetuolo CE**. Anakinra, What Is Thy Bidding in Pulmonary Hypertension?. *Am J Respir Crit Care Med*. 2019 Feb 1;199(3):267-269. PMID: 30540501. <https://doi.org/10.1164/rccm.201811-2192ED>
50. Mathai SC, Hemnes AR, Manaker S, Anguiano RH, Dean BB, Saundankar V, Classi P, Nelsen AC, Gordon K, **Ventetuolo CE**. Identifying Patients with Pulmonary Arterial Hypertension Using Administrative Claims Algorithms. *Ann Am Thorac Soc*. 2019 Jul;16(7):797-806. PMID: 30865835. PMCID: PMC6600840. <https://doi.org/10.1513/AnnalsATS.201810-672CME>
51. Eltorai AEM, Baird GL, Eltorai AS, Healey TT, Agarwal S, **Ventetuolo CE**, Martin TJ, Chen J, Kazemi L, Keable CA, Diaz E, Pangborn J, Fox J, Connors K, Sellke FW, Elias JA, Daniels AH. Effect of an Incentive Spirometer Patient Reminder After Coronary Artery Bypass Grafting: A Randomized Clinical Trial. *JAMA Surg*. 2019 Jul 1;154(7):579-588. PMID: 30969332. PMCID: PMC6583822. <https://doi.org/10.1001/jamasurg.2019.0520>
52. Austin M, Quesenberry PJ, **Ventetuolo CE**, Liang O, Reagan JL. Prevalence and Effect on Survival of Pulmonary Hypertension in Myelofibrosis. *Clin Lymphoma Myeloma Leuk*. 2019 Sep;19(9):593-597. PMID: 31262666. PMCID: PMC6814397. <https://doi.org/10.1016/j.clml.2019.05.009>. Epub 2019 May 13

53. Oliveira AC, Fu C, Lu Y, Williams MA, Pi L, Brantly ML, **Ventetuolo CE**, Raizada MK, Mehrad B, Scott EW, Bryant AJ. Chemokine signaling axis between endothelial and myeloid cells regulates development of pulmonary hypertension associated with pulmonary fibrosis and hypoxia. *Am J Physiol Lung Cell Mol Physiol*. 2019 Oct 1;317(4):L434-L444. PMID: 31364370. PMCID: PMC6842914. <https://doi.org/10.1152/ajplung.00156.2019>. Epub 2019 Jul 31
54. Abbasi A, Devers C, Sodha NR, **Ventetuolo CE**. Extracorporeal Life Support in Adults with Acute Respiratory Failure: Current Evidence-based Practices. *R I Med J* (2013). 2019 Dec 2;102(10):39-42. PMID: 31795533. Epub 2019 Dec 2
55. Hester J, **Ventetuolo C**, Lahm T. Sex, Gender, and Sex Hormones in Pulmonary Hypertension and Right Ventricular Failure. *Compr Physiol*. 2019 Dec 18;10(1):125-170. PMID: 31853950. PMCID: PMC7338988. <https://doi.org/10.1002/cphy.c190011>. Epub 2019 Dec 18 †
56. Al-Naamani N, **Ventetuolo CE**. Another Piece in the Estrogen Puzzle of Pulmonary Hypertension. *Am J Respir Crit Care Med*. 2020 Feb 1;201(3):274-275. PMID: 31689368. PMCID: PMC6999113. <https://doi.org/10.1164/rccm.201910-1982ED> †
57. **Ventetuolo CE**, Aliotta JM, Braza J, Chichger H, Dooner M, McGuirl D, Mullin CJ, Newton J, Pereira M, Princiotta A, Quesenberry PJ, Walsh T, Whittenhall M, Klinger JR, Harrington EO. Culture of pulmonary artery endothelial cells from pulmonary artery catheter balloon tips: considerations for use in pulmonary vascular disease. *Eur Respir J*. 2020 Mar;55(3):1901313. PMID: 31949110. PMCID: PMC7147989. <https://doi.org/10.1183/13993003.01313-2019>. Epub 2020 Mar 20
58. Samokhin AO, Hsu S, Yu PB, Waxman AB, Alba GA, Wertheim BM, Hopkins CD, Bowman F, Channick RN, Nikolic I, Faria-Urbina M, Hassoun PM, Leopold JA, Tedford RJ, **Ventetuolo CE**, Leary PJ, Maron BA. Circulating NEDD9 is increased in pulmonary arterial hypertension: A multicenter, retrospective analysis. *J Heart Lung Transplant*. 2020 Apr;39(4):289-299. PMID: 31952977. PMCID: PMC7605895. <https://doi.org/10.1016/j.healun.2019.12.002>. Epub 2019 Dec 31
59. Amass T, Cumplido J, Aswad B, Whittenhall M, **Ventetuolo C**, Klinger J. Rapid development of pulmonary hypertension and right ventricular failure due to large vessel intravascular microcrystalline cellulosis in an intravenous drug user. *Pulm Circ*. 2020;10(1):2045894020907871. PMID: 32284846. PMCID: PMC7137130. <https://doi.org/10.1177/2045894020907871>. Epub 2020 Apr 6
60. Poor HD, **Ventetuolo CE**, Tolbert T, Chun G, Serrao G, Zeidman A, Dangayach NS, Olin J, Kohli-Seth R, Powell CA. COVID-19 Critical Illness Pathophysiology Driven by Diffuse Pulmonary Thrombi and Pulmonary Endothelial Dysfunction Responsive to Thrombolysis. *medRxiv*. 2020 Apr 21;2020.04.17.20057125. PMID: 32511632. PMCID: PMC7276060. <https://doi.org/10.1101/2020.04.17.20057125>. Epub 2020 Apr 21
61. Klinger JR, Pereira M, Del Tatto M, Brodsky AS, Wu KQ, Dooner MS, Borgovan T, Wen S, Goldberg LR, Aliotta JM, **Ventetuolo CE**, Quesenberry PJ, Liang OD. Mesenchymal Stem Cell Extracellular Vesicles Reverse Sugen/Hypoxia Pulmonary Hypertension in Rats. *Am J Respir Cell Mol Biol*. 2020 May;62(5):577-587. PMID: 31721618. PMCID: PMC7193796. <https://doi.org/10.1165/rcmb.2019-0154OC>

62. Poor HD, **Ventetuolo CE**, Tolbert T, Chun G, Serrao G, Zeidman A, Dangayach NS, Olin J, Kohli-Seth R, Powell CA. COVID-19 critical illness pathophysiology driven by diffuse pulmonary thrombi and pulmonary endothelial dysfunction responsive to thrombolysis. *Clin Transl Med*. 2020 Jun;10(2):e44. PMID: 32508062. PMCID: PMC7288983. <https://doi.org/10.1002/ctm2.44>. Epub 2020 Jun 5
63. Goncharova EA, Chan SY, **Ventetuolo CE**, Weissmann N, Schermuly RT, Mullin CJ, Gladwin MT. Update in Pulmonary Vascular Diseases and Right Ventricular Dysfunction 2019. *Am J Respir Crit Care Med*. 2020 Jul 1;202(1):22-28. PMID: 32311291. PMCID: PMC7328315. <https://doi.org/10.1164/rccm.202003-0576UP>
64. Banerjee D, Grammatopoulos TN, Palmisciano A, Klinger JR, Krishnan I, Whittenhall M, Zhou A, Dudley S, **Ventetuolo CE**. Alternative Splicing of the Cardiac Sodium Channel in Pulmonary Arterial Hypertension. *chest*. 2020 Aug;158(2):735-738. PMID: 32112775. PMCID: PMC7417372. <https://doi.org/10.1016/j.chest.2019.12.052>. Epub 2020 Feb 26
65. DesJardin JT, Kolaitis NA, Kime N, Kronmal RA, Benza RL, Elwing JM, Lammi MR, McConnell JW, Presberg KW, Sager JS, Shlobin OA, De Marco T, **PHAR Investigators**. Age-related differences in hemodynamics and functional status in pulmonary arterial hypertension: Baseline results from the Pulmonary Hypertension Association Registry. *J Heart Lung Transplant*. 2020 Sep;39(9):945-953. PMID: 32507341. <https://doi.org/10.1016/j.healun.2020.05.005>. Epub 2020 May 16
66. Reynolds AS, Lee AG, Renz J, DeSantis K, Liang J, Powell CA, **Ventetuolo CE**, Poor HD. Pulmonary Vascular Dilatation Detected by Automated Transcranial Doppler in COVID-19 Pneumonia. *Am J Respir Crit Care Med*. 2020 Oct 1;202(7):1037-1039. PMID: 32757969. PMCID: PMC7528793. <https://doi.org/10.1164/rccm.202006-2219LE>
67. Min J, Feng R, Badesch D, Berman-Rosenzweig E, Burger C, Chakinala M, De Marco T, Feldman J, Hemnes A, Horn EM, Lammi MR, Mathai S, McConnell JW, Presberg K, Robinson J, Sager J, Shlobin OA, Simon M, Thenappan T, **Ventetuolo C**, Al-Naamani N, PHAR Investigators. Obesity in Pulmonary Arterial Hypertension (PAH): The Pulmonary Hypertension Association Registry (PHAR). *Ann Am Thorac Soc*. 2020 Oct 21. PMID: 33085915. PMCID: PMC7869778. <https://doi.org/10.1513/AnnalsATS.202006-612OC>. Epub 2020 Oct 21
68. Huluka DK, Mekonnen D, Abebe S, Meshesha A, Mekonnen D, Deyessa N, Klinger JR, **Ventetuolo CE**, Schluger NW, Sherman CB, Amogne W. Prevalence and risk factors of pulmonary hypertension among adult patients with HIV infection in Ethiopia. *Pulm Circ*. 2020;10(4):2045894020971518. PMID: 33282203. PMCID: PMC7691916. <https://doi.org/10.1177/2045894020971518>. Epub 2020 Nov 25 †
69. Lee JD, Burger CD, Delossantos GB, Grinnan D, Ralph DD, Rayner SG, Ryan JJ, Safdar Z, **Ventetuolo CE**, Zamanian RT, Leary PJ. A Survey-based Estimate of COVID-19 Incidence and Outcomes among Patients with Pulmonary Arterial Hypertension or Chronic Thromboembolic Pulmonary Hypertension and Impact on the Process of Care. *Ann Am Thorac Soc*. 2020 Dec;17(12):1576-1582. PMID: 32726561. PMCID: PMC7706604. <https://doi.org/10.1513/AnnalsATS.202005-521OC>

70. Abbasi A, Karasu Y, Li C, Sodha NR, Eickhoff C, **Ventetuolo CE**. Machine learning to predict hemorrhage and thrombosis during extracorporeal membrane oxygenation. *Crit Care*. 2020 Dec 10;24(1):689. PMID: 33302954. PMCID: PMC7727105. <https://doi.org/10.1186/s13054-020-03403-6>. Epub 2020 Dec 10
71. Fu C, Lu Y, Williams MA, Brantly ML, **Ventetuolo CE**, Morel LM, Mehrad B, Scott EW, Bryant AJ. Emergency myelopoiesis contributes to immune cell exhaustion and pulmonary vascular remodelling. *Br J Pharmacol*. 2021 Jan;178(1):187-202. PMID: 31793661. PMCID: PMC8240454. <https://doi.org/10.1111/bph.14945>. Epub 2020 Feb 4
72. Fu C, Lu Y, Williams MA, Brantly ML, **Ventetuolo CE**, Morel LM, Mehrad B, Scott EW, Bryant AJ. Emergency myelopoiesis contributes to immune cell exhaustion and pulmonary vascular remodelling. *Br J Pharmacol*. 2021 Jan;178(1):187-202. PMID: 31793661. PMCID: PMC8240454. <https://doi.org/10.1111/bph.14945>. Epub 2020 Feb 4
73. Rudder M, Russo M, **Ventetuolo CE**. Breathing for Two. *N Engl J Med*. 2021 Jan 7;384(1):61-68. PMID: 33406332. <https://doi.org/10.1056/NEJMcps2006666> †
74. Monaghan SF, Fredericks AM, Jentzsch MS, Cioffi WG, Cohen M, Fairbrother WG, Gandhi SJ, Harrington EO, Nau GJ, Reichner JS, **Ventetuolo CE**, Levy MM, Ayala A. Deep RNA Sequencing of Intensive Care Unit Patients with COVID-19. *medRxiv*. 2021 Jan 13;2021.01.11.21249276. PMID: 33469603. PMCID: PMC7814849. <https://doi.org/10.1101/2021.01.11.21249276>. Epub 2021 Jan 13
75. Reynolds AS, Lee AG, Renz J, DeSantis K, Liang J, Powell CA, **Ventetuolo CE**, Poor HD. Reply to Cherian et al.: Positive Bubble Study in Severe COVID-19 Indicates the Development of Anatomical Intrapulmonary Shunts in Response to Microvascular Occlusion. *Am J Respir Crit Care Med*. 2021 Jan 15;203(2):265-266. PMID: 32997507. PMCID: PMC7874419. <https://doi.org/10.1164/rccm.202009-3404LE>
76. Baird GL, Walsh T, Aliotta J, Allahua M, Andrew R, Bourjeily G, Brodsky AS, Denver N, Dooner M, Harrington EO, Klinger JR, MacLean MR, Mullin CJ, Pereira M, Poppas A, Whittenhall M, **Ventetuolo CE**. Insights from the Menstrual Cycle in Pulmonary Arterial Hypertension. *Ann Am Thorac Soc*. 2021 Feb;18(2):218-228. PMID: 32885987. PMCID: PMC7869782. <https://doi.org/10.1513/AnnalsATS.202006-671OC>
77. Reynolds AS, Lee AG, Renz J, DeSantis K, Liang J, Powell CA, **Ventetuolo CE**, Poor HD. Reply to Chiang and Gupta and to Swenson et al. *Am J Respir Crit Care Med*. 2021 Feb 1;203(3):390-391. PMID: 33207124. PMCID: PMC7874328. <https://doi.org/10.1164/rccm.202010-3974LE>
78. Min J, Badesch D, Chakinala M, Elwing J, Frantz R, Horn E, Klinger J, Lammi M, Mazimba S, Sager J, Shlobin O, Simon M, Thenappan T, Grinnan D, **Ventetuolo C**, Al-Naamani N, PHAR Investigators. Prediction of Health-related Quality of Life and Hospitalization in Pulmonary Arterial Hypertension: The Pulmonary Hypertension Association Registry. *Am J Respir Crit Care Med*. 2021 Mar 15;203(6):761-764. PMID: 33211974. PMCID: PMC7958508. <https://doi.org/10.1164/rccm.202010-3967LE>
79. Walsh TP, Baird GL, Atalay MK, Agarwal S, Arcuri D, Klinger JR, Mullin CJ, Morreo H, Normandin B, Shiva S, Whittenhall M, **Ventetuolo CE**. Experimental design of the Effects of Dehydroepiandrosterone in Pulmonary Hypertension (EDIPHY) trial. *Pulm Circ*.

- 2021;11(2):2045894021989554. PMID: 34094503. PMCID: PMC8142004.
<https://doi.org/10.1177/2045894021989554>. Epub 2021 May 21 †
80. Poor HD, Rurak K, Howell D, Lee AG, Colicino E, Reynolds AS, Reilly K, Tolbert T, Mustafa A, **Ventetuolo CE**. Cardiac index is associated with oxygenation in COVID-19 acute respiratory distress syndrome. *Pulm Circ*. 2021;11(2):20458940211019626. PMID: 34104425. PMCID: PMC8161862. <https://doi.org/10.1177/20458940211019626>. Epub 2021 May 26
81. Leopold JA, Kawut SM, Aldred MA, Archer SL, Benza RL, Bristow MR, Brittain EL, Chesler N, DeMan FS, Erzurum SC, Gladwin MT, Hassoun PM, Hemnes AR, Lahm T, Lima JAC, Loscalzo J, Maron BA, Rosa LM, Newman JH, Redline S, Rich S, Rischard F, Sugeng L, Tang WHW, Tedford RJ, Tsai EJ, **Ventetuolo CE**, Zhou Y, Aggarwal NR, Xiao L. Diagnosis and Treatment of Right Heart Failure in Pulmonary Vascular Diseases: A National Heart, Lung, and Blood Institute Workshop. *Circ Heart Fail*. 2021 Jun;14(6):e007975. PMID: 34422205. PMCID: PMC8375628. <https://doi.org/10.1161/CIRCHEARTFAILURE.120.007975>. Epub 2021 Jun 15
82. Balczon R, Lin MT, Lee JY, Abbasi A, Renema P, Voth SB, Zhou C, Koloteva A, Michael Francis C, Sodha NR, Pittet JF, Wagener BM, Bell J, Choi CS, **Ventetuolo CE**, Stevens T*. Pneumonia initiates a tauopathy. *FASEB J*. 2021 Sep;35(9):e21807. PMID: 34384141. PMCID: PMC8443149. <https://doi.org/10.1096/fj.202100718R>
83. Vazquez ZGS, Sodha NR, Devers C, **Ventetuolo CE**, Abbasi A. Prevalence of Deep Vein Thrombosis in Patients Supported With Extracorporeal Membrane Oxygenation. *ASAIO J*. 2021 Oct 1;67(10):e169-e171. PMID: 33470641. PMCID: PMC8272724. <https://doi.org/10.1097/MAT.0000000000001348>
84. Simmons J, Haines P, Extein J, Bashir Z, Aliotta J, **Ventetuolo CE**. Systolic Strain by Speckle-Tracking Echocardiography Is a Feasible and Sensitive Measure of Right Ventricular Dysfunction in Acute Respiratory Failure Patients on Mechanical Ventilation. *Crit Care Explor*. 2022 Jan;4(1):e0619. PMID: 35072083. PMCID: PMC8769114. <https://doi.org/10.1097/CCE.0000000000000619>. Epub 2022 Jan 18
85. DuPont M, Lambert S, Rodriguez-Martin A, Hernandez O, Lagatuz M, Yilmaz T, Foderaro A, Baird GL, Parsons-Wingerter P, Lahm T, Grant MB, **Ventetuolo CE**. Retinal vessel changes in pulmonary arterial hypertension. *Pulm Circ*. 2022 Jan;12(1):e12035. PMID: 35506088. PMCID: PMC9052984. <https://doi.org/10.1002/pul2.12035>. Epub 2022 Feb 15
86. Minhas J, Shou H, Hershman S, Zamanian R, **Ventetuolo CE**, Bull TM, Hemnes A, Chakinala MM, Mathai S, Al-Naamani N, Ellenberg S, Matura LA, Kawut SM, Shcherbina A. Physical Activity and Its Association with Traditional Outcome Measures in Pulmonary Arterial Hypertension. *Ann Am Thorac Soc*. 2022 Apr;19(4):572-582. PMID: 34473938. PMCID: PMC8996274. <https://doi.org/10.1513/AnnalsATS.202105-560OC>
87. Lapatra T, Baird GL, Goodman R, Pinder D, Gaffney M, Klinger JR, Palevsky HI, Fritz J, Mullin CJ, Mazurek JA, Kawut SM, **Ventetuolo CE**. Remote 6-Minute-Walk Testing in Patients with Pulmonary Hypertension: A Pilot Study. *Am J Respir Crit Care Med*. 2022 Apr 1;205(7):851-854. PMID: 35015981. <https://doi.org/10.1164/rccm.202110-2421LE>

88. Singh N, Dorfmueller P, Shlobin OA, **Ventetuolo CE**. Group 3 Pulmonary Hypertension: From Bench to Bedside. *Circ Res*. 2022 Apr 29;130(9):1404-1422. PMID: 35482836. PMCID: PMC9060386. <https://doi.org/10.1161/CIRCRESAHA.121.319970>. Epub 2022 Apr 28
89. Armstrong HF, Lederer D, Lovasi GS, Hiura G, **Ventetuolo CE**, Barr R. Selective Serotonin Reuptake Inhibitors and Lung Function in the Multi-Ethnic Study of Atherosclerosis Lung Study. *Respir Med*. 2022 May;196:106805. PMID: 35306387. PMCID: PMC9453638. <https://doi.org/10.1016/j.rmed.2022.106805>. Epub 2022 Mar 12 †
90. Singh N, **Ventetuolo CE**. Prime Time for Proteomics in Pulmonary Arterial Hypertension Risk Assessment?. *Am J Respir Crit Care Med*. 2022 May 1;205(9):988-990. PMID: 35143371. PMCID: PMC9851471. <https://doi.org/10.1164/rccm.202201-0040ED>
91. Minhas J, Baird G, Appleby D, McClelland R, Min J, Mazurek J, **Ventetuolo CE**, Al-Naamani N, Kawut SM. Terminal Digit Preference in Pulmonary Hypertension Endpoints. *Am J Respir Crit Care Med*. 2022 Jun 15;205(12):1482-1485. PMID: 35380935. <https://doi.org/10.1164/rccm.202108-2015LE>
92. Yee DC, Banerjee D, Vargas SE, Allahua M, Whittenhall ME, Perry N, **Ventetuolo CE**, Guthrie KM. Sexual Health-related Quality of Life in Women with Pulmonary Arterial Hypertension: Compensating for Loss. *Ann Am Thorac Soc*. 2022 Jul;19(7):1122-1129. PMID: 35119972. PMCID: PMC9278632. <https://doi.org/10.1513/AnnalsATS.202106-692OC> †
93. LaPatra T, Baird GL, Goodman R, Pinder D, Gaffney M, Klinger JR, Palevsky HI, Fritz J, Mullin CJ, Mazurek JA, Kawut SM, **Ventetuolo CE**. Reply to Helgeson et al.: Remote 6-minute-Walk Testing in Patients with Pulmonary Hypertension: Further Validation Needed?. *Am J Respir Crit Care Med*. 2022 Sep 1;206(5):651-653. PMID: 35608538. PMCID: PMC9716915. <https://doi.org/10.1164/rccm.202205-0867LE>
94. Fredericks AM, Jentzsch MS, Cioffi WG, Cohen M, Fairbrother WG, Gandhi SJ, Harrington EO, Nau GJ, Reichner JS, **Ventetuolo CE**, Levy MM, Ayala A, Monaghan SF. Deep RNA sequencing of intensive care unit patients with COVID-19. *Sci Rep*. 2022 Sep 21;12(1):15755. PMID: 36130991. PMCID: PMC9491252. <https://doi.org/10.1038/s41598-022-20139-1>. Epub 2022 Sep 21
95. Sun X, Nakajima E, Norbrun C, Sorkhdini P, Yang AX, Yang D, **Ventetuolo CE**, Braza J, Vang A, Aliotta J, Banerjee D, Pereira M, Baird G, Lu Q, Harrington EO, Rounds S, Lee CG, Yao H, Choudhary G, Klinger JR, Zhou Y. Chitinase 3 like 1 contributes to the development of pulmonary vascular remodeling in pulmonary hypertension. *JCI Insight*. 2022 Sep 22;7(18):e159578. PMID: 35951428. PMCID: PMC9675485. <https://doi.org/10.1172/jci.insight.159578>. Epub 2022 Sep 22
96. Cox-Flaherty K, Baird GL, Braza J, Guarino BD, Princiotta A, **Ventetuolo CE**, Harrington EO. Commercial Human Pulmonary Artery Endothelial Cells Have In-Vitro Behavior That Varies by Sex. *Pulm Circ*. 2022 Oct;12(4):e12165. PMID: 36484057. PMCID: PMC9723258. <https://doi.org/10.1002/pul2.12165>. Epub 2022 Oct 1 †
97. Volkmann ER, Siegfried J, Lahm T, **Ventetuolo CE**, Mathai SC, Steen V, Herzog EL, Shansky R, Anguera MC, Danoff SK, Giles JT, Lee YC, Drake W, Maier LA, Lachowicz-Scroggins M, Park H, Banerjee K, Fessel J, Reineck L, Vuga L, Crouser E, Feghali-Bostwick C. Impact of Sex and Gender on Autoimmune Lung Disease: Opportunities for Future Research: NHLBI Working Group

- Report. *Am J Respir Crit Care Med*. 2022 Oct 1;206(7):817-823. PMID: 35549658. PMCID: PMC9799264. <https://doi.org/10.1164/rccm.202112-2746PP> †
98. DuPont M, Hunsicker J, Shirley S, Warriner W, Rowland A, Taylor R, DuPont M Jr, Lagatuz M, Yilmaz T, Foderaro A, Lahm T, **Ventetuolo CE**, Grant MB. Comparison of Retinal Imaging Techniques in Individuals with Pulmonary Artery Hypertension Using Vessel Generation Analysis. *Life (Basel)*. 2022 Nov 28;12(12):1985. PMID: 36556350. PMCID: PMC9781977. <https://doi.org/10.3390/life12121985>. Epub 2022 Nov 28
 99. Jeong EM, Pereira M, So EY, Wu KQ, Del Tatto M, Wen S, Dooner MS, Dubielecka PM, Reginato AM, **Ventetuolo CE**, Quesenberry PJ, Klinger JR, Liang OD. Targeting RUNX1 as a novel treatment modality for pulmonary arterial hypertension. *Cardiovasc Res*. 2022 Dec 29;118(16):3211-3224. PMID: 35018410. PMCID: PMC9799056. <https://doi.org/10.1093/cvr/cvac001>
 100. **Ventetuolo CE**, Moutchia J, Baird GL, Appleby DH, McClelland RL, Minhas J, Min J, Holmes JH, Urbanowicz RJ, Al-Naamani N, Kawut SM. Baseline Sex Differences in Pulmonary Arterial Hypertension Randomized Clinical Trials. *Ann Am Thorac Soc*. 2023 Jan;20(1):58-66. PMID: 36053665. PMCID: PMC9819259. <https://doi.org/10.1513/AnnalsATS.202203-207OC> †
 101. Rohlfing AB, Bischoff KE, Kolaitis NA, Kronmal RA, Kime NA, Gray MP, Bartolome S, Chakinala MM, Frantz RP, **Ventetuolo CE**, Mathai SC, De Marco T, PHAR investigators. Palliative care referrals in patients with pulmonary arterial hypertension: The Pulmonary Hypertension Association Registry. *Respir Med*. 2023 Jan;206:107066. PMID: 36470050. <https://doi.org/10.1016/j.rmed.2022.107066>. Epub 2022 Nov 30
 102. Moutchia J, McClelland RL, Al-Naamani N, Appleby DH, Blank K, Grinnan D, Holmes JH, Mathai SC, Minhas J, **Ventetuolo CE**, Zamanian RT, Kawut SM. Minimal Clinically Important Difference in the 6-minute-walk Distance for Patients with Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med*. 2023 Apr 15;207(8):1070-1079. PMID: 36629737. PMCID: PMC10112451. <https://doi.org/10.1164/rccm.202208-1547OC>
 103. Cox-Flaherty K, Moutchia J, Krowka MJ, Al-Naamani N, Fallon MB, DuBrock H, Forde KA, Krok K, Doyle MF, Kawut SM, **Ventetuolo CE**. Six-Minute Walk Distance Predicts Outcomes in Liver Transplant Candidates. *Liver Transpl*. 2023 May 1;29(5):521-530. PMID: 36691988. PMCID: PMC10101910. <https://doi.org/10.1097/LVT.0000000000000071>. Epub 2023 Jan 25
 104. Sonntag E, Akgün KM, Bag R, Rosensweig EB, Bernardo RJ, Burnetti C, Chybowski A, de Jesus Perez VA, Diwan J, Guthrie KM, Halscott T, Lahm T, Vaught J, **Ventetuolo CE**, Hemnes AR. Access to Medically Necessary Reproductive Care for Individuals with Pulmonary Hypertension. *Am J Respir Crit Care Med*. 2023 Aug 1;208(3):234-237. PMID: 37311249. PMCID: PMC10395720. <https://doi.org/10.1164/rccm.202302-0230VP> †
 105. Johnson S, Sommer N, Cox-Flaherty K, Weissmann N, **Ventetuolo CE**, Maron BA. Pulmonary Hypertension: A Contemporary Review. *Am J Respir Crit Care Med*. 2023 Sep 1;208(5):528-548. PMID: 37450768. PMCID: PMC10492255. <https://doi.org/10.1164/rccm.202302-0327SO>
 106. Scott JV, Moutchia J, McClelland RL, Al-Naamani N, Weinberg E, Palevsky HI, Minhas J, Appleby DK, Smith A, Pugliese SC, **Ventetuolo CE**, Kawut SM. Novel Liver Injury Phenotypes and Outcomes in Pulmonary Arterial Hypertension. *medRxiv*. 2023 Sep 30;2023.09.28.23296316.

PMID: 37808731. PMCID: PMC10557839. <https://doi.org/10.1101/2023.09.28.23296316>. Epub 2023 Sep 30

107. Blette BS, Moutchia J, Al-Naamani N, **Ventetuolo CE**, Cheng C, Appleby D, Urbanowicz RJ, Fritz J, Mazurek JA, Li F, Kawut SM, Harhay MO. Is low-risk status a surrogate outcome in pulmonary arterial hypertension? An analysis of three randomised trials. *Lancet Respir Med*. 2023 Oct;11(10):873-882. PMID: 37230098. PMCID: PMC10592525. [https://doi.org/10.1016/S2213-2600\(23\)00155-8](https://doi.org/10.1016/S2213-2600(23)00155-8). Epub 2023 May 22
108. Sears I, Garcia-Agundez A, Zerveas G, Rudman W, Mercurio L, **Ventetuolo CE**, Abbasi A, Eickhoff C. Leveraging Unlabeled Electroencephalographic Data to Predict Neurological Recovery for Comatose Patients Following Cardiac Arrest. *Comput Cardiol* (2010). 2023 Oct;50. PMID: 39526226. PMCID: PMC11544604. <https://doi.org/10.22489/CinC.2023.308>. Epub 2023 Dec 26
109. Fling C, De Marco T, Kime NA, Lammi MR, Oppegard LJ, Ryan JJ, **Ventetuolo CE**, White RJ, Zamanian RT, Leary PJ. Regional Variation in Pulmonary Arterial Hypertension in the United States: The Pulmonary Hypertension Association Registry. *Ann Am Thorac Soc*. 2023 Dec;20(12):1718-1725. PMID: 37683277. PMCID: PMC10704225. <https://doi.org/10.1513/AnnalsATS.202305-424OC> †
110. Weatherald J, Moutchia J, Al-Naamani N, McClelland RL, **Ventetuolo CE**, Palevsky HI, Harhay MO, Kawut SM. Win Statistics in Pulmonary Arterial Hypertension Clinical Trials. *Am J Respir Crit Care Med*. 2023 Dec 1;208(11):1231-1234. PMID: 37734029. PMCID: PMC10868347. <https://doi.org/10.1164/rccm.202305-0800LE>
111. Johnson SW, **Ventetuolo CE**. Reply to Olschewski et al. *Am J Respir Crit Care Med*. 2023 Dec 15;208(12):1340-1341. PMID: 37871322. PMCID: PMC10765401. <https://doi.org/10.1164/rccm.202310-1770LE>
112. Singh N, Eickhoff C, Garcia-Agundez A, Bertone P, Paudel SS, Tambe DT, Litzky LA, Cox-Flaherty K, Klinger JR, Monaghan SF, Mullin CJ, Pereira M, Walsh T, Whittenhall M, Stevens T, Harrington EO, **Ventetuolo CE**. Transcriptional profiles of pulmonary artery endothelial cells in pulmonary hypertension. *Sci Rep*. 2023 Dec 18;13(1):22534. PMID: 38110438. PMCID: PMC10728171. <https://doi.org/10.1038/s41598-023-48077-6>. Epub 2023 Dec 18
113. Kalra A, Bachina P, Shou BL, Hwang J, Barshay M, Kulkarni S, Sears I, Eickhoff C, Bermudez CA, Brodie D, **Ventetuolo CE**, Whitman GJR, Abbasi A, Cho SM. Utilizing Machine Learning to Predict Neurological Injury in Venovenous Extracorporeal Membrane Oxygenation Patients: An Extracorporeal Life Support Organization Registry Analysis. *Res Sq*. 2023 Dec 22;rs.3.rs-3779429. PMID: 38196631. PMCID: PMC10775358. <https://doi.org/10.21203/rs.3.rs-3779429/v1>. Epub 2023 Dec 22
114. Kalra A, Bachina P, Shou BL, Hwang J, Barshay M, Kulkarni S, Sears I, Eickhoff C, Bermudez CA, Brodie D, **Ventetuolo CE**, Kim BS, Whitman GJR, Abbasi A, Cho SM. Predicting Acute Brain Injury in Venoarterial Extracorporeal Membrane Oxygenation Patients with Tree-Based Machine Learning: Analysis of the Extracorporeal Life Support Organization Registry. *Res Sq*. 2024 Jan 11;rs.3.rs-3848514. PMID: 38260374. PMCID: PMC10802703. <https://doi.org/10.21203/rs.3.rs-3848514/v1>. Epub 2024 Jan 11

115. Singh N, Al-Naamani N, Brown MB, Long GM, Thenappan T, Umar S, **Ventetuolo CE**, Lahm T. Extrapulmonary manifestations of pulmonary arterial hypertension. *Expert Rev Respir Med*. 2024;18(3-4):189-205. PMID: 38801029. PMCID: PMC11713041. <https://doi.org/10.1080/17476348.2024.2361037>. Epub 2024 May 30
116. DesJardin JT, Kime N, Kolaitis NA, Kronmal RA, Lammi MR, Mathai SC, **Ventetuolo CE**, De Marco T, PHAR Investigators. Investigating the "sex paradox" in pulmonary arterial hypertension: Results from the Pulmonary Hypertension Association Registry (PHAR). *J Heart Lung Transplant*. 2024 Jun;43(6):901-910. PMID: 38360160. PMCID: PMC11500812. <https://doi.org/10.1016/j.healun.2024.02.004>. Epub 2024 Feb 13 †
117. Moutchia J, McClelland RL, Al-Naamani N, Appleby DH, Holmes JH, Minhas J, Mazurek JA, Palevsky HI, **Ventetuolo CE**, Kawut SM. Pulmonary arterial hypertension treatment: an individual participant data network meta-analysis. *Eur Heart J*. 2024 Jun 1;45(21):1937-1952. PMID: 38416633. PMCID: PMC11143388. <https://doi.org/10.1093/eurheartj/ehae049>
118. Kalra A, Bachina P, Shou BL, Hwang J, Barshay M, Kulkarni S, Sears I, Eickhoff C, Bermudez CA, Brodie D, **Ventetuolo CE**, Kim BS, Whitman GJR, Abbasi A, Cho SM, Collaborators. Acute brain injury risk prediction models in venoarterial extracorporeal membrane oxygenation patients with tree-based machine learning: An Extracorporeal Life Support Organization Registry analysis. *JTCVS Open*. 2024 Aug;20:64-88. PMID: 39296456. PMCID: PMC11405982. <https://doi.org/10.1016/j.xjon.2024.06.001>. Epub 2024 Jun 8
119. Wang S, Bashir Z, Chen EW, Kadiyala V, Sherrod CF, Has P, Song C, **Ventetuolo CE**, Simmons J, Haines P. Invasive Mechanical Ventilation Is Associated with Worse Right Ventricular Strain in Acute Respiratory Failure Patients. *J Cardiovasc Dev Dis*. 2024 Aug 9;11(8):246. PMID: 39195154. PMCID: PMC11354324. <https://doi.org/10.3390/jcdd11080246>. Epub 2024 Aug 9
120. Kovacs G, Moutchia J, Zeder K, Maron BA, Al-Naamani N, **Ventetuolo C**, Olschewski H, Kawut SM. Clinical Response to Pulmonary Arterial Hypertension Treatment Does Not Depend on Pulmonary Arterial Wedge Pressure: A Meta-Analysis Using Individual Participant Data from Randomized Clinical Trials. *Am J Respir Crit Care Med*. 2024 Sep 15;210(6):844-847. PMID: 38980192. <https://doi.org/10.1164/rccm.202403-0612RL>
121. Hough RF, Alvira CM, Bastarache JA, Erzurum SC, Kuebler WM, Schmidt EP, Shimoda LA, Abman SH, Alvarez DF, Belvitch P, Bhattacharya J, Birukov KG, Chan SY, Cornfield DN, Dudek SM, Garcia JGN, Harrington EO, Hsia CCW, Islam MN, Jonigk DD, Kalinichenko VV, Kolb TM, Lee JY, Mammoto A, Mehta D, Rounds S, Schupp JC, Shaver CM, Suresh K, Tambe DT, **Ventetuolo CE**, Yoder MC, Stevens T, Damarla M. Studying the Pulmonary Endothelium in Health and Disease: An Official American Thoracic Society Workshop Report. *Am J Respir Cell Mol Biol*. 2024 Oct;71(4):388-406. PMID: 39189891. PMCID: PMC11450313. <https://doi.org/10.1165/rcmb.2024-0330ST>
122. Bansal M, Mehta A, Balakrishna AM, Saad M, **Ventetuolo CE**, Roswell RO, Poppas A, Abbott JD, Vallabhajosyula S. Race, Ethnicity, and Gender Disparities in Acute Myocardial Infarction. *Crit Care Clin*. 2024 Oct;40(4):685-707. PMID: 39218481. <https://doi.org/10.1016/j.ccc.2024.05.005>. Epub 2024 Jun 6

123. Vallabhajosyula S, Ogunsakin A, Jentzer JC, Sinha SS, Kochar A, Gerberi DJ, Mullin CJ, Ahn SH, Sodha NR, **Ventetuolo CE**, Levine DJ, Abbott BG, Aliotta JM, Poppas A, Abbott JD. Multidisciplinary Care Teams in Acute Cardiovascular Care: A Review of Composition, Logistics, Outcomes, Training, and Future Directions. *J Card Fail*. 2024 Oct;30(10):1367-1383. PMID: 39389747. <https://doi.org/10.1016/j.cardfail.2024.06.020>
124. Kalra A, Bachina P, Shou BL, Hwang J, Barshay M, Kulkarni S, Sears I, Eickhoff C, Bermudez CA, Brodie D, **Ventetuolo CE**, Whitman GJR, Abbasi A, Cho SM, HERALD Group. Using machine learning to predict neurologic injury in venovenous extracorporeal membrane oxygenation recipients: An ELSO Registry analysis. *JTCVS Open*. 2024 Oct;21:140-167. PMID: 39534333. PMCID: PMC11551311. <https://doi.org/10.1016/j.xjon.2024.06.013>. Epub 2024 Jul 2
125. Scott JV, Moutchia J, McClelland RL, Al-Naamani N, Weinberg E, Palevsky HI, Minhas J, Appleby DK, Smith A, Pugliese SC, **Ventetuolo CE**, Kawut SM. Novel Liver Injury Phenotypes and Outcomes in Clinical Trial Participants with Pulmonary Hypertension. *Am J Respir Crit Care Med*. 2024 Oct 15;210(8):1045-1056. PMID: 38820270. PMCID: PMC11531102. <https://doi.org/10.1164/rccm.202311-2196OC>
126. Bashir Z, Ataklte F, Wang S, Chen EW, Kadiyala V, Sherrod CF, Has P, Song C, **Ventetuolo CE**, Simmons J, Haines P. Comparison of Left Ventricular Global Longitudinal Strain and Left Ventricular Ejection Fraction in Acute Respiratory Failure Patients Requiring Invasive Mechanical Ventilation. *J Cardiovasc Dev Dis*. 2024 Oct 24;11(11):339. PMID: 39590182. PMCID: PMC11594607. <https://doi.org/10.3390/jcdd11110339>. Epub 2024 Oct 24
127. Kawut SM, Feng R, Ellenberg SS, Zamanian R, Bull T, Chakinala M, Mathai SC, Hemnes A, Lin G, Doyle M, Andrew R, MacLean M, Stasinopoulos I, Austin E, DeMichele A, Shou H, Minhas J, Song N, Moutchia J, **Ventetuolo CE**. Pulmonary Hypertension and Anastrozole (PHANTOM): A Randomized, Double-Blind, Placebo-Controlled Trial. *Am J Respir Crit Care Med*. 2024 Nov 1;210(9):1143-1151. PMID: 38747680. PMCID: PMC11544352. <https://doi.org/10.1164/rccm.202402-0371OC> †
128. Mehta A, Bansal M, Mehta C, Pillai AA, Allana S, Jentzer JC, **Ventetuolo CE**, Abbott JD, Vallabhajosyula S. Utilization of inpatient palliative care services in cardiac arrest complicating acute pulmonary embolism. *Resusc Plus*. 2024 Dec;20:100777. PMID: 39314255. PMCID: PMC11417587. <https://doi.org/10.1016/j.resplu.2024.100777>. Epub 2024 Sep 14
129. Kudelko K, Sung YK, **Ventetuolo CE**, Kawut S, Mazurek JA, McGlothlin D, Lahm T, Waxman A, Zamanian R, National Consortium on Pulmonary Vascular Disease Fellowship Training. National Consortium on Pulmonary Vascular Disease Fellowship Training Summary. *chest*. 2024 Dec 20;S0012-3692(24)05716. PMID: 39710248. <https://doi.org/10.1016/j.chest.2024.11.044>. Epub 2024 Dec 20
130. Abbasi A, Li C, Dekle M, Bermudez CA, Brodie D, Sellke FW, Sodha NR, **Ventetuolo CE**, Eickhoff C. Interpretable machine learning-based predictive modeling of patient outcomes following cardiac surgery. *J Thorac Cardiovasc Surg*. 2025 Jan;169(1):114-123.e28. PMID: 38040328. PMCID: PMC11133766. <https://doi.org/10.1016/j.jtcvs.2023.11.034>. Epub 2023 Nov 29

131. Paudel SS, Singh N, Tambe DT, Borchert GM, Collins SA, Healey TT, Huang L, Jiao Z, Harrington EO, Stevens T, **Ventetuolo CE**. Pulmonary Artery Endothelial Cells from Patients with Pulmonary Arterial Hypertension Exhibit Heterogeneous Responses to Their Mechanical Microenvironment. *Am J Respir Cell Mol Biol*. 2025 Jan;72(1):109-112. PMID: 41378966. <https://doi.org/10.1165/rcmb.2024-0248LE>
132. Mora Massad K, Dai Z, Petrache I, **Ventetuolo CE**, Lahm T. Lung Endothelial Cell Heterogeneity in Health and Pulmonary Vascular Disease. *Am J Physiol Lung Cell Mol Physiol*. 2025 Jan 8. PMID: 39772753. <https://doi.org/10.1152/ajplung.00296.2024>. Epub 2025 Jan 8
133. Robbins EW, Bradley K, Badesch DB, Burger C, Chybowsky AM, De Marco T, Hemnes AR, Lammi M, Mathai SC, Melendres-Groves L, Raza F, Sager J, Shlobin OA, Thenappan T, Zamanian R, Runo J, Baird GL, **Ventetuolo CE**. Medication Non-Adherence in Patients with Pulmonary Arterial Hypertension: The Pulmonary Hypertension Association Registry (PHAR). *Ann Am Thorac Soc*. 2025 Feb 18. PMID: 39965160. <https://doi.org/10.1513/AnnalsATS.202312-1083OC>. Epub 2025 Feb 18
134. Kolaitis NA, Barnes H, Levine DJ, Castillo H, Arcasoy SM, Bacchetta M, Benvenuto L, Berman-Rosenzweig E, Cevasco M, Demarest CT, Dewachter C, Erasmus ME, Glanville AR, Granton J, Keshavjee S, Khangoora V, Krishnan S, Mercier O, Miltiades AN, Montani D, Murphy E, Robbins I, Rahaghi FF, Saddoughi SA, Savale L, Simon MA, Vachiery JL, **Ventetuolo CE**, Whitford HM, Girgis RE. Approach to Lung Transplantation in Pulmonary Arterial Hypertension: A Delphi Consensus on Behalf of the Transplant Task Force of the Pulmonary Vascular Research Institute. *Pulm Circ*. 2025 Apr;15(2):e70088. PMID: 40276473. PMCID: PMC12018530. <https://doi.org/10.1002/pul2.70088>. Epub 2025 Apr 23
135. Kolaitis NA, Singer JP, Bartolome S, Chakinala MM, Grinnan D, Hemnes AR, Heresi GA, Leary PJ, Shlobin OA, **Ventetuolo CE**, De Marco T. The landscape of referrals for lung transplantation in pulmonary arterial hypertension: a report from the Pulmonary Hypertension Association Registry. *J Heart Lung Transplant*. 2025 Jun 26;S1053-2498(25)02055. PMID: 40581270. <https://doi.org/10.1016/j.healun.2025.06.019>. Epub 2025 Jun 26
136. Mullin CJ, **Ventetuolo CE**. Soteria: deliverance from harm?. *Eur Respir J*. 2025 Jul;66(1):2500697. PMID: 40707163. <https://doi.org/10.1183/13993003.00697-2025>. Epub 2025 Jul 24
137. Bonal DM, Oakes A, Chorzalska A, Pardo M, Petersen M, Clarke MY, Lee SH, Olszewski AJ, Treaba DO, Reagan JL, Dooner MS, Morgan J, Bertone P, Zhao T, Yang W, **Ventetuolo CE**, Hobbs GS, Mills J, Dubielecka PM. HiJAKing the Hematopoietic System: A Low-Frequency JAK2V617F Clone Drives Myeloproliferative Neoplasm Pathology. *Blood*. 2025 Jul 25;blood.2024027125. PMID: 40729727. <https://doi.org/10.1182/blood.2024027125>. Epub 2025 Jul 25
138. Sanders R, Walsh T, Baird G, Atalay M, Agarwal S, Arcuri D, Klinger JR, Mullin C, Simmons J, Singh N, Whittenhall ME, **Ventetuolo CE**. Effects of Dehydroepiandrosterone in Pulmonary Hypertension (EDIPHY): A Randomized, Double-Blind, Placebo-Controlled Crossover Trial. *medRxiv*. 2025 Aug 2;2025.08.01.25332627. PMID: 40766123. PMCID: PMC12324649. <https://doi.org/10.1101/2025.08.01.25332627>. Epub 2025 Aug 2

139. Abbasi A, Ayers L, Balczon R, Nelson AR, Bauman AJ, Cohen M, Abadi N, Priest JR, Vallabhajosyula S, Baird GL, Stevens T, **Ventetuolo CE**. Predictive Markers of Neurological Complications in Patients Treated With Extracorporeal Membrane Oxygenation. *CHEST Crit Care*. 2025 Sep;3(3):100170. PMID: 41306349. PMCID: PMC12646596. <https://doi.org/10.1016/j.chstcc.2025.100170>. Epub 2025 Aug 14
140. **Ventetuolo CE**, Sherman-Roe AE. Sex differences in pulmonary (arterial) hypertension: does it matter?. *Curr Opin Pulm Med*. 2025 Sep 1;31(5):411-428. PMID: 40767089. <https://doi.org/10.1097/MCP.0000000000001197>. Epub 2025 Jul 23
141. Poor H, Abassi A, Howell D, Reynolds A, Reilly-Kit K, Rurak K, Cohen M, Baird G, Worst L, Shin E, Yu P, Lee A, **Ventetuolo CE**. Transpulmonary bubble transit in patients hospitalised with COVID-19 pneumonia. *BMJ Open Respir Res*. 2025 Sep 3;12(1):e002912. PMID: 40903187. <https://doi.org/10.1136/bmjresp-2024-002912>. Epub 2025 Sep 3
142. Poor HD, Eisenberg E, Saini S, Hannah-Clark S, Zhang J, Lee AG, Serrao G, Powell C, **Ventetuolo CE**, Padilla M. Sotatercept is Associated with Improved Lung Function in Sarcoidosis-Associated Pulmonary Hypertension. *chest*. 2025 Dec 16;S0012-3692(25)05844. PMID: 41412224. <https://doi.org/10.1016/j.chest.2025.12.004>. Epub 2025 Dec 16
143. Minhas J, Shou H, Al-Naamani N, Feng R, Zamanian R, Bull T, Chakinala M, Hemnes A, Moutchia J, Mathai SC, Ellenberg S, **Ventetuolo C**, Kawut SM. Daily Physical Activity in Pulmonary Arterial Hypertension: Insights from a Multicenter Longitudinal Trial Using Accelerometry. *chest*. 2026 Feb 3;S0012-3692(26)00137. PMID: 41644091. <https://doi.org/10.1016/j.chest.2025.12.052>. Epub 2026 Feb 3
144. Lee SY, Guillen M, Lantini R, Bublitz MH, **Ventetuolo CE**, Guthrie KM. Integrating behavioral health into pulmonary medicine: a call to action. *BMC Health Serv Res*. 2026 Feb 7. PMID: 41654808. <https://doi.org/10.1186/s12913-026-14011-5>. Epub 2026 Feb 7
145. Mehta C, Has P, Mehta A, Vargas I, Osorio B, Shin A, Chilamkurthy V, Chandragiri S, DePolo D, Sweeting A, Tudino R, Asnani H, **Ventetuolo CE**, Levine DJ, Cunningham MJ, Abbott JD, Vallabhajosyula S. Etiology, Management, and Outcomes of Society for Cardiovascular Angiography and Interventions Stage B Cardiogenic Shock. *Circ Heart Fail*. 2026 Feb 19;e013814. PMID: 41711037. <https://doi.org/10.1161/CIRCHEARTFAILURE.125.013814>. Epub 2026 Feb 19
146. Poor HD, Zhang J, Hannah-Clark S, Saini S, Eisenberg E, Wang J, Lee AG, Serrao G, Schotland H, Rogers L, Smith BM, Beasley MB, Li M, Powell CA, **Ventetuolo CE**, Padilla M. Sotatercept improves small airway disease and hyperinflation in patients with pulmonary hypertension. *Eur Respir J*. 2026 Mar 19;2502731. PMID: 41856569. <https://doi.org/10.1183/13993003.02731-2025>. Epub 2026 Mar 19
147. Kolaitis NA, Singer JP, Bartolome S, Chakinala MM, Grinnan D, Hemnes AR, Heresi GA, Leary PJ, Shlobin OA, **Ventetuolo CE**, De Marco T. Corrigendum to 'The landscape of referrals for lung transplantation in pulmonary arterial hypertension: A report from the Pulmonary Hypertension Association Registry'[*J Heart Lung Transplant*, 45 (2026) 125-136]. *J Heart Lung Transplant*. 2026 Mar 26;S1053-2498(26)01763. PMID: 41885668. <https://doi.org/10.1016/j.healun.2026.03.002>. Epub 2026 Mar 26

148. Singh N, DuBrock HM, Prisco SZ, Dai Z, Zheng Q, Fallon MB, Thenappan T, **Ventetuolo CE**, Jose A. The Importance of Liver-Lung Communication in Pulmonary Vascular Diseases. *Compr Physiol*. 2026 Apr;16(2):e70140. PMID: 41918066. <https://doi.org/10.1002/cph4.70140>
149. Cirulis MM, Auger WR, Benza RL, Channick RN, Chin K, Duane Davis R, Greg Elliott C, He F, Jain S, LaCroix AZ, Madani MM, McLaughlin V, Tapson V, Kerr K, **Ventetuolo CE**. Biological Sex Differences in the US-CTEPH-R. *Ann Am Thorac Soc*. 2026 Apr 13;aaog098. PMID: 41981721. <https://doi.org/10.1093/annalsats/aaog098>. Epub 2026 Apr 13

OTHER PEER-REVIEWED PUBLICATIONS

1. Jose A, DuBrock HM, Singh N, Kolls J, Krowka M, Oliveira RKF, Raevens S, Tonelli AR, Del Valle K, **Ventetuolo CE**, Raj U. A Tale of Two Organs: The Liver-Lung Axis in Pulmonary Disease. *Compr Physiol*. 2025 Dec;15(6):e70076. PMID: 41283678. <https://doi.org/10.1002/cph4.70076>

BOOKS AND BOOK CHAPTERS

1. Choudhary G, **Ventetuolo CE**. “Epidemiology of Pulmonary Hypertension: From Quaternary Referral Centre to the Community.” Bradley A. Maron, Roham R. Zamanian, Aaron B. Waxman. *Pulmonary Hypertension: Basic Science to Clinical Medicine*. Springer International Publishing. 2015.
2. Poor, HD, **Ventetuolo CE**, Bull TM. “Pulmonary Hypertension in Critically Ill Patients”. *Diagnosis and Management of Pulmonary Hypertension*. James R. Klinger, Robert P. Frantz. *Respiratory Medicine*. Volume 12 2015
3. **Ventetuolo CE**, Borchardt R, Brodie D. “Extracorporeal Membrane Oxygenation.” Shaun Gregory, Michael Stevens, John Fraser. *Mechanical Circulatory and Respiratory Support*. Elsevier Publishing. 2017.
4. Abbasi A, **Ventetuolo CE**. “Extracorporeal Life Support in the Adult.” Raja Shahzad. *Cardiac Surgery-Complete Guide*. Springer Nature Publishing. 2019.
5. Mullin CJ, **Ventetuolo CE**. Critical Care Management of the Patient with Pulmonary Hypertension. *Clin Chest Med*. 2021 Mar;42(1):155-165. PMID: 33541609. <https://doi.org/10.1016/j.ccm.2020.11.009>

OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Ventetuolo CE**, Horm EM. Pulmonary hypertension in women. *COPD Foundation Lung Health Professional Magazine*
2. **Ventetuolo CE**. The gender/estrogen paradox and the right ventricle in pulmonary vascular disease. *Advances in Pulmonary Hypertension* 2011;10:157-8. †

3. Singh N, Volpicelli T, Pi H, Gharib S, Harrington EO, Umar S, Leary PJ, Fallon M, **Ventetuolo CE**, Liang OD. Liver angiocrine myeloid-derived growth factor protects against endothelial dysfunction in pulmonary arterial hypertension. *bioRxiv*. 2025 Oct 4;2025.10.03.680334. PMID: 41256637. PMCID: PMC12621810. <https://doi.org/10.1101/2025.10.03.680334>. Epub 2025 Oct 4
4. Singh N, Lawson J, Ragavendran A, Banerjee S, Hon A, Hong J, Mullin CJ, Pereira M, Sherman-Roe A, Jorin AT, Cayton T, Fishbein G, Klinger JR, Oldham W, Dai Z, Fallon M, Harrington EO, Liang OD, Umar S, **Ventetuolo CE**. The Liver is an Inflammatory Mediator of Pulmonary Arterial Hypertension. *bioRxiv*. 2025 Oct 6;2025.10.03.680270. PMID: 41280027. PMCID: PMC12632639. <https://doi.org/10.1101/2025.10.03.680270>. Epub 2025 Oct 6
5. Poor HD, Eisenberg E, Saini S, Hannah-Clark S, Zhang J, Lee AG, Serrao G, Powell C, **Ventetuolo CE**, Padilla M. Sotatercept is Associated with Improved Lung Function in Sarcoidosis-Associated Pulmonary Hypertension. *medRxiv*. 2025 Oct 8;2025.10.03.25337126. PMID: 41282874. PMCID: PMC12632640. <https://doi.org/10.1101/2025.10.03.25337126>. Epub 2025 Oct 8
6. Poor HD, Zhang J, Hannah-Clark S, Saini S, Eisenberg E, Wang J, Lee AG, Serrao G, Schotland H, Rogers L, Smith BM, Beasley MB, Li M, Powell CA, **Ventetuolo CE**, Padilla M. Sotatercept Improves Small Airway Disease and Hyperinflation in Patients with Pulmonary Hypertension. *medRxiv*. 2025 Oct 9;2025.10.08.25337393. PMID: 41282909. PMCID: PMC12632688. <https://doi.org/10.1101/2025.10.08.25337393>. Epub 2025 Oct 9
7. Wang RS, Singh N, Wathieu H, Baird G, Cox-Flaherty K, Klinger JR, Mullin CJ, Pereira M, Whittenhall M, Harrington EO, Maron BA, **Ventetuolo CE**. Individualized Interactomes from Pulmonary Arterial Hypertension Cell Biopsies Predict Therapeutic Response. *medRxiv*. 2025 Nov 15;2025.11.13.25340200. PMID: 41292616. PMCID: PMC12642752. <https://doi.org/10.1101/2025.11.13.25340200>. Epub 2025 Nov 15

ABSTRACTS

1. Gray MP, **Ventetuolo CE**, Oudiz R, Hill W, Pickles W, Blank K, Williams K, Leary PJ, Kronmal R, Kawut SM. Evaluation of quality of care and quality of life of pulmonary hypertension patients seen in PH Care Centers: Pulmonary Hypertension Association Registry (PHAR) Study Design. *Am J Respir Crit Care Med* 2020;201:A7369 †
2. Hemnes A, **Ventetuolo CE**, Manaker S, Noone J, R.Howden R, Classi P, Sketch M, Nails A, Nelsen A, Mathai SC, The Economic Burden of Pulmonary Hypertension Among Patients with Chronic Obstructive Pulmonary Disease and Interstitial Lung Disease. *Am J Respir Crit Care Med* 2020;201:A7035. †
3. Liang O, Pereira M, Jeong EM, So EY, Wu KQ, DelTatto M, Dooner M, **Ventetuolo CE**, Quesenberry P, Klinger JR. Inhibition of RUNX1-Dependent Aberrant Hematopoiesis and Macrophage Polarization as a Novel Treatment Modality for Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med* 2020;201:A2673
4. Mullin CS, Lammi MR, Benza RL, Shlobin OA, Burger CD, Elwing JM, Simon M, Mathai SC, **Ventetuolo CE**, Hospitalization in Connective Tissue Disease Associated Pulmonary Arterial

Hypertension: The Pulmonary Hypertension Association Registry. *Am J Respir Crit Care Med* 2020;201:A3788.

5. Vazquez Z, Abbasi A, Sodha N, Devers C, **Ventetuolo CE**. Prevalence of Deep Vein Thrombosis in Extracorporeal Life Support: A Single-Center Retrospective Review. *Am J Respir Crit Care Med* 2020;201:A1602.
6. Vazquez Z, Cagle G, Chu D, Gordon P, Haines P, Mullin CS, Klinger JR, Karo R, Palmisciano A, **Ventetuolo CE**. The Effects of Left Atrial Appendage Closure on Natriuretic Peptide Levels and Cardiac Filling Pressures. *Am J Respir Crit Care Med* 2020;201:A2049.
7. Singh N, Eickhoff C, Pereira M, Liu N, Webster C, Dichter A, Eng E, Mai M, Freeman M, Whittenhall ME, Monaghan SF, Mullin CJ, Klinger JR, Harrington EO, **Ventetuolo CE**. RNA-sequencing of human pulmonary artery endothelial cells predicts diagnosis of pulmonary hypertension and provides insight into disease course. *Am J Respir Crit Care Med*; 2021;203: A3620.
8. Cox-Flaherty K, Baird G, DiGregorio R, Klinger JR, Mullin CJ, Pereira M, Schmitz N, Singh N, Whittenhall ME, Harrington EO, **Ventetuolo CE**. Human pulmonary artery endothelial cell culture success rates from routine right heart catheterizations. *Am J Respir Crit Care Med* 2022; 205: A4450.
9. Cox-Flaherty K, Braza J, Princiotto A, **Ventetuolo CE**, Harrington EO. Commercial human pulmonary artery endothelial cells have in vitro behavior which varies by sex. *Am J Respir Crit Care Med* 2022; 205: A3639. †
10. Cox-Flaherty K, Moutchia J, Krowka MJ, Al-Naamani N, Kawut SM, **Ventetuolo CE**. Six-minute walk distance predicts outcomes in a cohort of liver transplant candidates. *Am J Respir Crit Care Med*. 2022;205: A5640.
11. Liang O, Jeong EM, Pereira M, So EY, DeTatto M, Wen S, Dooner M, **Ventetuolo CE**, Quesenberry PJ, Zhao L, Wilkins MR, Klinger JR. RUNX1 is required for the development of pulmonary arterial hypertension. *Am J Respir Crit Care Med* 2022; 205: A4809.
12. Minhas J, Baird G, Appleby D, McClelland R, Min J, Mazurek JA, **Ventetuolo CE**, Al-Naamani N, Kawut SM. Terminal digit preference in endpoints of pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. *Am J Respir Crit Care Med* 2022; 205: A3047.
13. Paudel SS, Singh N, Cox K, Pereira M, Tambe DT, Harrington EO, Stevens T, **Ventetuolo CE**. Human pulmonary artery endothelial cells isolated from patients with pulmonary hypertension exhibit anoikis resistance. *Am J Respir Crit Care Med* 2022; 205: A4446.
14. Batson M, Minhas J, Shlobin OA, **Ventetuolo CE**, Badesch DB, Lammi ML, Zamanian RT, Al-Naamani N, Kawut SM. Physical Activity Characteristics in Pulmonary Arterial Hypertension (PAH): The Pulmonary Hypertension Association Registry (PHAR). *Am J Respir Crit Care Med* 2023;207:A3748
15. Harhay MO, **Ventetuolo CE**, Appleby D, Urbanowicz R, Fritz J, Mazurek J, Moutchia J, Kawut SM, B. Blette. Multivariable Risk Scores as Surrogate Outcomes in Randomized Trials in Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med* 2023;207:A4229

16. Moutchia J, McClelland ML, Al-Naamani N, Appleby DH, Holmes JH, Minhas J, Mazurek J, Palevsky HI, **Ventetuolo CE**, Kawut CE. Comparative Effective Analysis of Treatment for Pulmonary Arterial Hypertension: An Individual Participant Data Network Meta-analysis. *Am J Respir Crit Care Med* 2023;207:A1189
17. Paudel SS, Deweever A, Singh N, CoxFlaherty KE, Pereira M, Tambe DT, Stevens T, Harrington EO, **Ventetuolo CE**. Human Pulmonary Artery Endothelial Cells Isolated From Patients With Pulmonary Hypertension Exhibit Heterogeneous Sensitivity to Mechanical Sensing. *Am J Respir Crit Care Med* 2023;207:A6132
18. Robbins EW, Bradley KV, Baird GL, Badesch DB, Burger CD, Chybowski AM, De Marco T, Hemnes A, Lammi MR, Mathai SC, McConnell JW, Melendres-Groves L, Raza F, Runo JR, Sager JS, Shlobin OA, Thenappan T, Zamanian RT, **Ventetuolo CE**. Medication Non-adherence and Health-related Outcomes in Patients With Pulmonary Arterial Hypertension: The Pulmonary Hypertension Association Registry (PHAR). *Am J Respir Crit Care Med* 2023;207:A1186 †
19. Sears I, Levy MM, **Ventetuolo CE**, Eickhoff C, Abbasi A, Sears I, Levy MM, **Ventetuolo CE**. Time-series Machine Learning Approach to Sepsis Prediction in the Intensive Care Unit. *Am J Respir Crit Care Med* 2023;207:A6377
20. Lyon Z, Kolaitis NA, **Ventetuolo CE**, Mathai SC, Burger CD, Kawut SM, Shlobin OA, De Marco T, Mullin CJ. Demographic, Hemodynamic, Health-related Quality of Life, and Longitudinal Outcomes Differences Between Connective Tissue Disease-associated and Idiopathic PAH (Pulmonary Arterial Hypertension): The Pulmonary Hypertension Association Registry. *Am J Respir Crit Care Med* 2024;209:A2753.
21. Millio G, **Ventetuolo CE**, Cox-Flaherty KE, Mullin CJ, Klinger JR, Singh J, Kamel A. Sex-Based Differences in Acute Pulmonary Embolism Severity. *Am J Respir Crit Care Med* 2024; 209:A3995 †
22. Robbins EW, Bradley KV, Baird GL, Badesch DB, Burger CD, Chybowski AM, De Marco T, Hemnes A, Lammi MR, Mathai SC, McConnell JW, Melendres-Groves L, Raza F, Runo JR, Sager JS, Shlobin OA, Thenappan T, Zamanian RT, **Ventetuolo CE**. Medication Non-adherence and Health-related Outcomes in Patients With Pulmonary Arterial Hypertension: The Pulmonary Hypertension Association Registry (PHAR). *Am J Respir Crit Care Med* 2023;207:A1186 †
23. Singh N, Millio G, Lawson J, Ragavendran A, Whittenhall ME, Mullin CJ, Klinger JR, Harrington EO, **Ventetuolo CE**. MELD-Na Can Predict the Severity of Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med* 2024;209:A6094.
24. Wathieu H, Cox-Flaherty K, Wang RS, Singh N, Baird GL, Sanders R, Pereira M, Mullin CJ, Klinger JR, Ragavendron J, Harrington EO, Maron BA, and **Ventetuolo CE**. Individualized Interactomes Derived from Pulmonary Endothelial Transcriptomics Collected at Point-of-Care Personalize Therapeutic Repositioning in Pulmonary Arterial Hypertension. *Am J Respir Crit Care Med* 2024;209:A2749.

† Diversity, Equity, and Inclusion (DEI) activity

INVITED PRESENTATIONS

Regional

1. ECMO in adults with respiratory failure., Rhode Island Society for Respiratory Care 2012 Conference. Providence, RI, USA., 3/2012
2. ECLS: A bridge to recovery., Grand Rounds, Department of Medicine Grand Rounds, Alpert Medical School of Brown University. Providence, RI, USA., 9/2012
3. Speaker/Research Presentation, American Heart Association Rhode Island Research Symposium. Providence, RI, USA., 3/2013
4. Speaker, Contemporary Approach to the Diagnosis and Treatment of Pulmonary Vascular Disease., Department of Medicine Grand Rounds, Sturdy Memorial Hospital. Attleboro, MA, USA., 6/2013
5. Speaker, Pulmonary Hypertension 2013., 3rd Annual Dr. Meyer Saklad Memorial Respiratory Care Symposium. Providence, RI, USA., 6/2013
6. Speaker, Pulmonary Hypertension and Right Ventricular Failure: What a Surgeon Should Know., Grand Rounds, Department of Surgery Grand Rounds, Rhode Island Hospital. Providence, RI, USA., 11/2013
7. Lecture Series, Brown Pulmonary Research Seminar, Research Methodology Series, Providence, RI, USA., 2/2014-3/2014
8. Speaker, Adult ECMO in Early ARDS., Rhode Island Society for Respiratory Care Conference. Newport, RI, USA., 3/2014
9. Speaker, Strategies for Managing Pulmonary Hypertension, and the Right Ventricle in ECLS Patients., SEECMO 2014. Providence RI, USA., 4/2014
10. Moderator, Exercise-Induced Pulmonary Arterial Hypertension (PAH)., Tufts University School of Medicine 12th Annual Update in Pulmonary Hypertension. Cambridge, MA, USA., 12/2014
11. Invited Speaker, ECLS for the Critically Ill Adult., Grand Rounds, Kent Hospital Grand Rounds, Warwick, RI, USA., 1/2015
12. Overview of PH: Epidemiology and Pathophysiology., PHA Preceptorship Program, Providence, RI, USA., 9/2015
13. Speaker, “Initiating PAH Therapy”, 14th Annual Update in Pulmonary Hypertension, Tufts School of Medicine, Boston, MA, USA., 12/2016
14. Grace McLeod Rego Medicine Grand Rounds, Grand Rounds, Department of Medicine, Brown; What My Patients Have Taught Me: Lessons Learned from a Rare Disease and the Patient-Doctor Relationship, Providence, RI, USA., 6/2017
15. Co-chair and speaker,, PHA On the Road, Providence, RI, USA., 8/2017
16. Speaker, “Great Cases: WHO Group 3 and 5 PH”, 15th Annual Update in Pulmonary Hypertension. Tufts School of Medicine, Boston, MA, USA., 12/2017
17. Speaker, “Dialysis for the Lungs”, 8th Annual Dr. Meyer Saklad Memorial Respiratory Care Symposium. Rhode Island Hospital, Providence, RI, USA., 6/2018

18. Discussant, "Treatment Challenges in PH Associated with Advanced Lung Disorders", 16th Annual Update in Pulmonary Hypertension. Tufts School of Medicine, Boston, MA, USA., 12/2018
19. Discussant, "Treatment Algorithm for Group 1 PH", 17th Annual Update in Pulmonary Hypertension. Tufts School of Medicine, Boston, MA, USA., 12/2020
20. Speaker, "Sexual Dimorphism and Endotypes in Pulmonary Vascular Disease", BIRD's Conference, Alpert Medical School of Brown University, Providence, RI., 2/2021 †
21. Speaker, Advance-K Scholars, "Human Subjects", Alpert Medical School of Brown University, Providence, RI., 5/2021 †
22. Discussant, "Clinical Research Progress and Pipeline", 18th Annual Update in Pulmonary Hypertension. Tufts School of Medicine, Boston, MA, USA., 12/2021 †
23. Speaker, M-BRISC Virtual Seminar Series, 1/2022 †
24. Speaker, Advance-K, 4/2022
25. Speaker, "Pulmonary Hypertension" Fellows Didactic, Alpert Medical School of Brown University, Providence, RI., 4/2022
26. Speaker, "Career Pathways as a Physician Scientist", T35 Basic Translational Research Program. Alpert Medical School of Brown University, Providence, RI., 7/2022 †
27. Extracorporeal Life Support for the Critically Ill Adult, Grand Rounds, Norwalk Hospital, Norwalk, CT, 5/2024
28. Department of Surgery Grand Rounds; "Pulmonary Hypertension and Right Ventricular Failure: What a Surgeon Should Know", Alpert Medical School of Brown University; Providence, RI, 4/2026

National

1. ECMO in the Critically Ill Adult, Pulmonary, Allergy and Critical Care Grand Rounds, Grand Rounds, Hospital of the University of Pennsylvania. Philadelphia, PA, USA., 9/2013
2. Speaker, Management of Acute Right Heart Failure in the ICU, 2014 Advances in Pulmonary and Critical Care Conference. Fairfax, VA, USA., 3/2014
3. Speaker, Making it Real: Endpoints and Outcomes in Pulmonary Hypertension, Alfred P. Fishman Symposium: New Treatment Approaches to Pulmonary Hypertension, Philadelphia PA, USA., 4/2014
4. Invited Speaker, Extracorporeal Life Support for Patients with PH, Pulmonary Hypertension Clinical Conference, Vera Moulton Wall Center for Pulmonary Vascular Disease, Stanford University, Palo Alto, CA, USA., 12/2014
5. Visiting Professor, Sex Hormones, Pulmonary Hypertension and the Right Ventricle: Sorting through the Estrogen Paradox, Division of Pulmonary and Critical Care Medicine, Stanford University, Palo Alto, CA, USA., 12/2014 †

6. Visiting Professor; “Extracorporeal Life Support in Critically Ill Adults” and Pulmonary Research Conference “Sex, Sex Hormones, and the Right Ventricle, Toward Understanding the Estrogen Paradox of Pulmonary Arterial Hypertension”, Yale University, New Haven, CT, USA., 1/2015 †
7. Invited Speaker, Pulmonary Hypertension, and the Right Ventricle: Sorting through the Estrogen Paradox., Pulmonary Vascular Disease Conference of Brigham and Women’s Hospital Sex Hormones. Boston, MA, USA., 2/2015 †
8. Guest Lecturer, Sex, Sex Hormones, and the Right Ventricle: Toward Understanding the Estrogen Paradox of Pulmonary Arterial Hypertension;; Grand Rounds, Pulmonary, Critical Care, and Sleep Medicine Grand Rounds, New York University Langone Medical Center, New York, NY, USA., 9/2015 †
9. Visiting Professor; Sex, Sex Hormones, and the Right Ventricle: Toward Understanding the Estrogen Paradox of Pulmonary Arterial Hypertension, Indiana University, Pulmonary Research Conference; Indianapolis, IN, USA., 11/2015 †
10. Guest speaker, Grand Rounds, Icahn School of Medicine at Mount Sinai Respiratory Institute Grand Rounds, New York, NY, USA., 3/2016
11. Speaker, “Indications for VA and VV ECMO: Overview and Current Evidence”, Penn Medicine Adult ECMO Symposium, Philadelphia, PA, USA., 3/2017
12. Speaker, “Indications for VA and VV ECMO: Overview and Current Evidence”, Penn Medicine Adult ECMO Symposium, Philadelphia, PA, USA., 5/2018
13. Invited Speaker, NHLBI Sex/Gender-related Autoimmune Induced Lung Diseases Workshop, (postponed due to COVID-19), 3/2020 †
14. Pregnancy and Maternal Conditions that Increase Risk of Morbidity and Mortality Working Group, NHLBI/NICHD/ORWH, 5/2020 †
15. Speaker, “Sexual Dimorphism and Endotypes in Pulmonary Vascular Disease”, Brown Institute for Respiratory Disease, 2/2021 †
16. Speaker, “Management of RV Failure in Critically Ill Adults”, Grand Rounds, Houston Methodist, Division of Pulmonary, Critical Care & Sleep Medicine Grand Rounds., 3/2021
17. Speaker, “Emerging Treatment Paradigms in Pulmonary Arterial Hypertension”, Grand Rounds, CHEST Conference (Pulmonary Grand Rounds) Warren Alpert Medical School of Brown University, Providence, RI, 11/2021
18. Speaker, “Extracorporeal Life Support for Critically Ill Adults”, Milford Regional Medical Center Milford, MA, 7/2022
19. Panelist, “Clinical Research Progress and Pipeline”, Tufts University 19th Annual Update in Pulmonary Hypertension, 12/2022
20. Speaker, “Translating Epidemiology to Therapeutics in Pulmonary Vascular Disease”, Pulmonary Research Conference, Boston Children’s Hospital, Harvard University, Boston, MA, 2/2023 †
21. Speaker, “Translating Epidemiology to Therapeutics in Pulmonary Vascular Disease”, Pulmonary Research Conference, Boston Children’s Hospital, Harvard University, Boston, MA, 2/2023 †

22. Speaker, Medical Grand Rounds, “No Longer a Rare Disease? Pulmonary Hypertension in 2023: Changing Thresholds, Targets and Treatments”, University of South Alabama, Mobile, AL, 3/2023
23. Speaker, “Translating Epidemiology to Therapeutics in Pulmonary Vascular Disease”, Center for Lung Biology, University of South Alabama, Mobile, AL, 3/2023 †
24. Member, Think-Tank to Address the Pediatric Medical Device Crisis in the United States, FDA-UCSF-Stanford Centers of Excellence in Regulatory Science and Innovation, Silver Springs, Maryland, 5/2023
25. Speaker, Pulmonary and Critical Care Medicine, “Translating Epidemiology to Therapeutics in Pulmonary Vascular Disease”, Massachusetts General Hospital, Harvard University, Boston, MA, 12/2023 †
26. Thomas A. Neff Lecture "Therapeutically Targeting Right Heart Remodeling in Pulmonary Hypertension", Invited Lecture, 68th Annual Thomas L. Petty Aspen Lung Conference. Aspen, CO, USA., 6/2026

International

1. Chairman, Poster Discussion Session, Acute pulmonary embolism: diagnosis, risk stratification and treatment., American Thoracic Society 2011 International Conference. Denver, CO, USA., 5/2011
2. Sunrise Seminar, Evaluating the patient referred for pulmonary hypertension., American Thoracic Society 2011 International Conference. Denver, CO, USA., 5/2011
3. Speaker, Post Graduate Course 4400, Update in Pulmonary Arterial Hypertension: What’s New, What’s Now., American Thoracic Society 2012 International Conference. San Francisco, CA, USA., 5/2012
4. Panelist, Early PAH – Recognition, Diagnosis, Treatment and Outcomes., 2012 Pulmonary Hypertension Association’s 10th International PH Conference and Scientific Sessions. Orlando, FL, USA., 6/2012
5. Co-Chair, Scientific Symposium B6: Influence of Estrogens on the Pulmonary Circulation and Right Ventricle: From Bench to Bedside., American Thoracic Society 2013 International Conference. Philadelphia, PA, USA., 5/2013 †
6. Facilitator, Thematic Poster Session C65: Assessment of Pulmonary Hypertension., American Thoracic Society 2013 International Conference. Philadelphia, PA, USA., 5/2013
7. Speaker, Mini- Symposium B98: Clinical Trials in Pulmonary Hypertension: Are Hemodynamics Surrogate Endpoints in Pulmonary Arterial Hypertension., American Thoracic Society 2013 International Conference. Philadelphia, PA, USA., 5/2013
8. Speaker, Scientific Symposium B6: Influence of Estrogens on the Pulmonary Circulation and Right Ventricle: From Bench to Bedside. Sex, Sex Hormones, and the RV Phenotype: Humans., American Thoracic Society 2013 International Conference. Philadelphia, PA, USA., 5/2013 †
9. Sunrise Seminar, SS314: Managing the Right Ventricle in Critical Illness., American Thoracic Society 2013 International Conference. Philadelphia, PA, USA., 5/2013

10. Speaker, Targeting the Right Ventricle in Pulmonary Vascular Disease., CHEST 2013 Conference. Chicago, IL, USA., 10/2013
11. Right Ventricular Failure in the ICU, 26 Congresso Nazionale della Società Italiana di Terapia Intensiva. Florence, Italy., 11/2013
12. Thromboembolism Prophylaxis: How to Stratify the risk in Pulmonary Embolism?, 26 Congresso Nazionale della Società Italiana di Terapia Intensiva. Florence, Italy., 11/2013
13. Thromboembolism Prophylaxis: Which Drugs and Which Patients?, 26 Congresso Nazionale della Società Italiana di Terapia Intensiva. Florence, Italy., 11/2013
14. Moderator, Poster Session 3: Pulmonary hypertension, International Society for Heart and Lung Transplantation 34th Annual Meeting and Scientific Sessions, San Diego, CA, USA., 4/2014
15. Session Co-Chair, Left Heart Failure, the RV, and Other Types of Pulmonary Hypertension, International Society for Heart and Lung Transplantation 34th Annual Meeting and Scientific Sessions, San Diego, CA, USA., 4/2014
16. Speaker, The Effects of Prostaglandin Therapy in PAH: The Seen and Unseen Risk/Benefit Profile, International Society for Heart and Lung Transplantation 34th Annual Meeting and Scientific Sessions, San Diego, CA, USA., 4/2014
17. Lead Facilitator, Thematic Poster Session: Clinical Evaluation and Biomarkers of PH, American Thoracic Society 2014 International Conference, San Diego, CA, USA., 5/2014
18. Panelist, PHA International PH Conference and Medically Led Sessions, PH and Lung Disease, Sleep Apnea, and Oxygen Supplementation, Indianapolis, IN, USA., 6/2014
19. Clinical Year in Review on Pulmonary Hypertension, American Thoracic Society International Conference 2015 International Conference, Denver, CO, USA., 5/2015
20. Oral Abstract, Genetic Variation in Sex Hormone Pathways and Right Ventricular Structure and Function: The MESA-RV Study., American Thoracic Society International Conference 2015 International Conference, Denver, CO, USA., 5/2015 †
21. Speaker, ECMO: Pros and Cons, Congresso Nazionale della Società Italiana di Terapia Intensiva, Florence, Italy., 12/2015
22. Session Co-Chair and Speaker, Critical Care of the Patient with Pulmonary Vascular Disease Postgraduate Course, 2016 American Thoracic Society International Conference, “ECMO as a Bridge or Salvage in PH”, San Francisco, CA, USA., 5/2016
23. Session Co-Chair and Speaker, It Takes Two to Tango: Right and Left Ventricle Interactions in Pulmonary Vascular Disease Scientific Symposium, “Left, Right, or Both? Is there a Role for Beta Blockers, ACE Inhibitors, or Neurohormonal Modulators in RV Failure?”, 2016 American Thoracic Society International Conference, San Francisco, CA, USA., 5/2016
24. Session Moderator, Hooked on PH’Omics Scientific Symposium, 2016 American Thoracic Society International Conference, San Francisco, CA, USA., 5/2016
25. Session Co-Chair and Speaker, Update in Extracorporeal Life Support, “Current Strategies for Lung Failure”, CHEST 2016, Los Angeles, CA, USA., 10/2016

26. Invited speaker, “Oestrogen Metabolism and Right Ventricular Function”, Pulmonary Vascular Research Institute Annual World Congress, Miami, FL, USA., 1/2017 †
27. Session Co-Chair, “ECMO in Precapillary PH: What is the Best Option for My Patient”, International Society for Heart and Lung Transplantation, San Diego, CA, USA., 4/2017
28. Session Co-Chair, “Critical Care of the Patient with Pulmonary Vascular Disease”, Postgraduate Course, 2017 American Thoracic Society International Conference, Washington, DC, USA., 5/2017
29. Session Co-Chair, “Precision Medicine in Pulmonary Vascular Diseases: Are We Ready for the Future?”, Scientific Symposium, 2017 American Thoracic Society International Conference, Washington, DC, USA., 5/2017
30. Session Co-Chair, “Sex, Sugar, Salt, and Stress: Neurohormonal Signaling as a Novel Therapeutic Target in Right Ventricular Failure”, Scientific Symposium, 2017 American Thoracic Society International Conference, Washington, DC, USA., 5/2017 †
31. Invited participant and speaker; Sex Differences in RV Function in Patients with Pulmonary Vascular Disease;, NHLBI Right Heart Failure Workshop, Bethesda, MD, USA., 9/2017 †
32. Invited Speaker, “The Benefits of Inhaled and Infused Therapies”;; PHA’s 2018 International Conference and Scientific Sessions, Orlando, FL, USA., 6/2018
33. Moderator, “Basic Science and Clinical Trials: Accelerating the Future”;; PHA’s 2018 International Conference and Scientific Sessions, Orlando, FL, USA., 6/2018
34. Panelist, Diagnosing PH: Steps to an Accurate Diagnosis”;; PHA’s 2018 International Conference and Scientific Sessions, Orlando, FL, USA., 6/2018
35. Panelist, “Extracorporeal Life Support in 2018”;; International Forum of Hot-Spots and New Technologies in Critical Illness, Shenzhen, China., 8/2018
36. Invited Presenter, “Inotropic Management of Right Ventricular Failure: Evidence Based Medicine?”;; American Heart Association’s 2018 Scientific Sessions, Chicago, IL, USA., 9/2018
37. Invited Presenter, “Race and Sex: Differences in Response to Pharmacologic Agents in PAH”;; American Heart Association’s 2018 Scientific Sessions, Chicago, IL, USA., 9/2018 †
38. Speaker, “Future Directions and Emerging Therapies in PH”, Pulmonary Hypertension Association’s PH Professional Network Symposium, 2019
39. Chair, Mini symposium, “What’s New in Clinical and Translational Research in Pulmonary Hypertension: Lessons from the Best Abstracts”, American Thoracic Society 2020 International Conference, Virtual, 2020
40. Speaker, “How Do I Treat This Patient with Group 3 PH”, American Heart Association Scientific Sessions, 2020
41. Panelist, Pulmonary Circulation Journal Club, American Thoracic Society, 12/2020
42. Co-Chair, “Clinical Controversies in Pulmonary Hypertension: A Pro/Con Debate”, American Thoracic Society 2021 International Conference, Virtual, 2021

43. Moderator, “WHO Group 3 Pulmonary Hypertension: To Treat or Not to Treat”, American Thoracic Society 2021 International Conference, Virtual, 2021
44. Speaker, “The Pathophysiology of Right Heart Failure in COVID-19”, American College of Cardiology Annual Scientific Sessions of the College, 5/2021
45. Poster Professor, “Recent Advances and Novel Paradigms for the Management of Pulmonary Hypertension”, American Heart Association Scientific Sessions 2022, Chicago, IL, 2022
46. Moderator, “What Would you do? Managing Special Populations with Pulmonary Hypertension”, American College of Cardiology, Washington, DC, USA, 4/2022
47. Speaker “Oh Baby! Management of PAH During Pregnancy”, American College of Cardiology, Washington, DC, USA, 4/2022 †
48. Speaker, “Isolating Human Endothelium in Vascular Disease”, American Thoracic Society Lung Endothelium in Health and Disease Workshop. Virtual, 4/2022
49. Moderator, “Lost in Translation? Preclinical To Clinical Studies in Pulmonary Hypertension”, ATS 2022 International Conference, San Francisco, CA, 5/2022
50. Speaker, “What We Have Learned Since PHA 2018: Update on Clinical Trials”, PHA 2022 Scientific Session, Atlanta, GA, 6/2022 †
51. Moderator/Judge, Cournand and Comroe Early Career Investigator Award Competition, American Heart Association Scientific Sessions 2022, Chicago, IL, 9/2022
52. Speaker, “Impact of ECCO2R on Pulmonary Hypertension and the Right Ventricle”, 33rd Annual ELSO Conference, Boston, MA, 9/2022
53. Speaker, “Role of ECMO in Management of End-Stage PAH”, Surgical Management of End-Stage PAH, American Heart Association Scientific Sessions 2022, Chicago, IL, 9/2022
54. Speaker, “RV Dysfunction, It’s Not About the Sex Hormones”, American Heart Association Scientific Sessions 2022, Chicago, IL, 9/2022 †
55. Moderator, “A Measured Response: Assessing Treatment Outcomes in Pulmonary Hypertension”, American Thoracic Society 2023 International Conference, Washington, DC, 5/2023
56. Moderator, “Risky Business: Treatments and Clinical Targets in Pulmonary Hypertension”, American Thoracic Society 2023 International Conference, Washington, DC, 5/2023
57. Speaker and Moderator, “Pulmonary Hypertension in ECMO: Medical Management & Mechanical Solutions”, ELSO Conference, Seattle, WA, 9/2023
58. Moderator, “Clearing the Fog in Pulmonary Vascular Disease: The Role of Advanced Imaging and Sensors”, American Heart Association Scientific Sessions, Philadelphia, PA, 11/2023
59. Speaker, “Mechanical Circulatory Support of the Failing Right Ventricle”, 15th Annual NC Research Triangle Pulmonary Hypertension Symposium, Durham, North Carolina, 11/2023
60. Speaker, “Pro-Con Debates on the Pathogenesis in Management of Pulmonary Hypertension”, American Heart Association Scientific Sessions, Philadelphia, PA, 11/2023

61. Speaker, “The Change in PH Definition is Confusing Clinical Practice”, American Heart Association Scientific Sessions, Philadelphia, PA, 11/2023
62. Speaker, “Liquid biopsies” During the Course of Pulmonary Vascular Disease, Pulmonary Vascular Institute (PVRI), London, England, 2/2024
63. Current Clinical Trial Landscape for PH and PVD in North America, Invited Lecture, American Thoracic Society International Conference, San Diego, CA, 5/2024 †
64. Moderator, Whale Watching: A “Rapid” Tour of PAH Pathogenesis, American Thoracic Society International Conference, San Diego, CA, 5/2024
65. Navigating Sinkholes While Shattering Glass Ceilings: Getting to Promotion”, Women in Medicine: Empowering and Developing the Next Generation of Women Leaders in Medicine, Invited Lecture, American Thoracic Society International Conference, San Diego, CA, 5/2024 †
66. Prevalence and Effects of Myelofibrosis on Pulmonary Hypertension, Symposium, Pulmonary Vascular Research Institute, 7/2024
67. Group 3 Pulmonary Hypertension Clinical Trials. Intersections with Respiratory Diseases. A Critical Analysis of PDE5i for ILD-PH., Invited Lecture, Global Cardiovascular Clinical Trial (CVCT) Forum, Washington, DC, 12/2024-12/2024
68. Pulmonary Arterial Hypertension Trials: Shall We Start Thinking Outside the Box. Investigator's Viewpoint., Invited Lecture, Global Cardiovascular Clinical Trial (CVCT) Forum, Washington, DC, 12/2024-12/2024
69. Career Catalyst Speed Mentoring, Mentor, Pulmonary Vascular Research Institute International Conference, Rio de Janeiro, Brazil, 1/2025 †
70. Clinical Aspects of PH Heterogeneity in Chronic Lung Disease: Same as PAH or Different?, Invited Lecture, Pulmonary Vascular Research Institute International Conference, Rio de Janeiro, Brazil, 1/2025
71. Risk Stratification and Treatment in the New Era of PH Therapeutics, Moderator, Pulmonary Vascular Research Institute International Conference, Rio de Janeiro, Brazil, 1/2025
72. Special Situations in PAH: Pregnancy, ICU, Perioperative, Invited Lecture, American Thoracic Society International Conference, San Francisco, CA, 5/2025
73. Temporal Trajectories: Tracking Endothelial Cell Plasticity Across the Course of PH, Invited Lecture, American Thoracic Society International Conference, San Francisco, CA, 5/2025
74. Negotiation Essentials: Strategies for Early Career Success, Panelist, American Thoracic Society International Conference, San Francisco, CA, 5/2025 †
75. How to Keep Reviewer 2 Engaged, Tips for Grant Writing, Symposium, 2025 Grover Conference, American Thoracic Society, Sedalia, CO, 9/2025
76. DHEA as an Anti-Aging Pill in Pulmonary Arterial Hypertension: Potential Therapeutic Frontier, Invited Lecture, 2025 Grover Conference, American Thoracic Society, Sedalia, CO, 9/2025

77. Keynote Speaker Lung Research Cluster Congress, Invited Lecture, Medical University of Graz, 5/2026
78. Keynote: Lung Research Cluster Congress "Translating Epidemiology to Therapeutics in Pulmonary Vascular Disease", Invited Lecture, Medizinische Universität Graz. Graz, Austria, 5/2026
79. What to Expect When Your Patient is Expecting: Pregnancy in PCCM. "Lessons learned from a Case Study of Pregnancy in Pulmonary Vascular Disease, Invited Lecture, American Thoracic Society 2026 International Conference. Orlando, FL, USA., 5/2026
80. Investigator's Viewpoint: The Future of PAH Trials, Invited Lecture, Pulmonary Clinical Trials. Embassy of France, Washington, DC, USA., 6/2026

† Diversity, Equity, and Inclusion (DEI) activity

GRANTS:

- | | | |
|----|--|-------------------------|
| 1. | R25HL088992
Short-term Training Program to Increase Diversity in Health-Related Research. †
Role: Trainer (PI: Harrington) | 2011-2013
PAST |
| 2. | K24HL103844
Aromatase Inhibitors in Pulmonary Vascular Complications of Liver Disease. †
Role: Co-Investigator (PI: Kawut) | 5/2011-4/2016
PAST |
| 3. | 11FTF7400032
American Heart Association, Fellow-to- Faculty Transition Award
Estrogen Metabolism and Right Ventricular Structure and Function: The MESA-RV Study. †
Role: PI | 7/2011-6/2017
PAST |
| 4. | WS1952812
ASPIRE Pulmonary Vascular Disease Young Investigator Research Award
Sex Hormones and Genetic Determinants of Right Ventricular Structure and Function: The MESA- RV Study. †
Role: PI | 11/2011-11/2012
PAST |
| 5. | T35 HL094308-03
Alpert Medical School Summer Research Program (AMSSRP)
Examining hepatitis C and hepatitis C/HIV co-infection | 4/2012-7/2014
PAST |

as risk factors for pulmonary hypertension. †
Role: Mentor (PI: Harrington)

6. CF- 2012-009 10/2012-10/2013
The CHEST Foundation Clinical Research, Award in PAST
Pulmonary Arterial Hypertension
The Menstrual Cycle, Angiogenesis, and Right
Ventricular Function in Pulmonary Arterial
Hypertension. †
Role: PI
7. The Opus Fund for the Cure of Pulmonary Hypertension 11/2012-11/2013
Hemodynamic Phenotyping and Biomarkers in PAST
Pulmonary Hypertension Associated with Heart Failure
with Preserved Ejection Fraction.
Role: Principal Investigator, Mentor
8. P20 GM103652-01A1 9/2013-5/2018
NGIMS PAST
COBRE for Cardiopulmonary Vascular Biology. Sex
Hormones, Pulmonary Vascular and Right Ventricular
Dysfunction. †
Role: Project PI (PI: Rounds)
9. The CHEST Foundation Clinical Research, Award in 7/2015-7/2016
Pulmonary Arterial Hypertension PAST
Sudden Cardiac Death in Pulmonary Arterial
Hypertension: The Role of the Sodium Channel.
Role: Mentor (PI: Banerjee)
10. R01 HL134905 1/2017-12/2021
Anastrozole in Pulmonary Arterial Hypertension Multi- (NCE) PAST
center Phase II randomized double-blind placebo
controlled clinical trial of anastrozole in PAH †
Role: Study Co-Chair, Site Principal Investigator (Co-
PI: Kawut)
11. T32HL134625 2/2017-2/2032
NHLBI ACTIVE
Brown Respiratory Research Training Program †
Role: PI (PI: Ventetuolo, Harrington, Rounds, Zhou)
12. 5T35HL094308-12 2018
NHLBI PAST
Alpert Medical School Summer Research Program †
Role: Mentor (PI: Harrington)

13. R01HL141268
NHLBI
Dehydroepiandrosterone in Pulmonary Hypertension †
Role: PI
5/2018-4/2025
PAST

14. 18TPA34110329
AHA
The Role of Endothelial to Hematopoietic
Transformation in the Pathogenesis of Pulmonary
Hypertension
Role: Co-Investigator (PI: Liang)
7/2018-6/2021
PAST

15. United Therapeutics Jenesis Innovative Outcomes
Research Award
Health-Related Quality of Life: Patient-Focused
Strategies for Measuring and Improving Sexual Health
and Functioning among Patients with PAH †
Role: Mentor (PI: Vargas)
9/2018-9/2020
PAST

16. U54GM115677
Advance CTR
Predicting Hemorrhage and Thrombosis in
Extracorporeal Life Support
Role: Mentor (PI: Rounds)
5/2020-5/2021
PAST

17. 5T35HL094308-12
NHLBI
Alpert Medical School Summer Research Program †
Role: Mentor (PI: Harrington)
2021
PAST

18. Seed Award, Brown University
Pulmonary Artery Endothelial Cell Phenotypes During
Pulmonary Hypertension
Role: MPI (PI: Ventetuolo, Harrington)
1/2021-6/2022
PAST

19. R01-HL159887
NHLBI
Case-Control Study of Methamphetamine in Pulmonary
Arterial Hypertension †
Role: Consultant (PI: Kawut, Zamanian)
7/2021-6/2026
ACTIVE

20. ENTELLIGENCE Young Investigator Program
Biological Sex and Sex-Hormones Moderate RV
Dysfunction and Recovery in CTEPH †
Role: Co-Mentor (PI: Cirulis)
9/2021-9/2023
PAST

- | | |
|--|-------------------------|
| 21. CHEST Foundation
Mitochondrial Dysfunction and Oxidative Stress in
Pulmonary Arterial Hypertension
Role: Mentor (PI: Singh) | 10/2021-10/2022
PAST |
| 22. P20GM103652
Predicting Outcomes in Patients Treated with
Extracorporeal Membrane Oxygenation: Applying
Machine Learning to Electronic Health Record Data
Role: Mentor (PI: Abbasi) | 6/2022-5/2024
ACTIVE |
| 23. Parker B. Francis Fellowship
Hemorrhage and Thrombosis in Extracorporeal Life
Support
Role: Mentor (PI: Abbasi) | 7/2022-6/2025
ACTIVE |
| 24. Patterson Trust Mentored Research Award
Dehydroepiandrosterone, Sexual Dimorphism and
Endothelial Cell Phenotypes in Pulmonary Arterial
Hypertension †
Role: Mentor (PI: Cox-Flaherty) | 1/2023-1/2025
PAST |
| 25. 24IPA1275127
American Heart Association
Retinal Vascular Imaging as a Window into Pulmonary
Vascular Remodeling in Pulmonary Arterial
Hypertension
Role: PI (PI: Ventetuolo) | 7/2024-6/2026
ACTIVE |
| 26. R01HL173533
Sarcopenia in Pulmonary Arterial Hyertension
Role: Site PI (PI: Al-Naamani) | 7/2024-6/2029
ACTIVE |
| 27. U54 GM114677 Women's Health Supplement
Epicardial Adipose and Cardiometabolic Phenotypes in
Women with PAH †
Role: Project PI (PI: Rounds) | 10/2024
ACTIVE |
| 28. R01HL174007
NHLBI
Pulmonary Artery Endotypes and the Role of Anoikis
Resistance in Pulmonary Hypertension
Role: PI | 4/2025-3/2029
ACTIVE |

29. R01 AG092881
NHLBI
Cytoreduction of Neurotoxic Proteins During
Extracorporeal Life Support
Role: PI
4/2026-3/2031
PENDING
30. R01HL186319
Individualized Interactomes from Pulmonary Artery
Endothelial Cell Biopsies to Accelerate Drug Discovery
and Improve Outcomes in Pulmonary Arterial
Hypertension
Role: PI (PI: Ventetuolo)
† Diversity, Equity, and Inclusion (DEI) activity
4/2026-3/2031
PENDING

UNIVERSITY TEACHING ROLES

- 7/2010-6/2011 Lecturer, Columbia University, College of Physicians and Surgeons
- Lectures on pulmonary vascular disease to fellows and Internal Medicine house staff
- Morning report for Internal Medicine house staff Medical Intensive Care Unit lecture series
- 7/2011- Speaker and Panelist, Alpert Medical School of Brown University
- Department of Medicine Grand Rounds speaker (9/12, 6/17)
- Department of Medicine Grand Rounds panelist, recurring
- Brown Chest Conference, Update on Lung Transplantation, annually
- Lectures on ECMO and lung transplantation to Pulmonary/Critical Care fellows, annually
- Lectures on pulmonary vascular disease to Pulmonary/Critical Care, Cardiology fellows and Internal Medicine house staff, annually
- 7/2011- Teaching Attending, Rhode Island Hospital
- Medical Intensive Care Unit teaching rounds for fellows and house staff
- 9/2011- Trainer, Alpert Medical School of Brown University
- Short-term Training Program to Increase Diversity in Health-Related Research (PI: Rounds/Smith, R25 HL088992-05)
- 1/2012- Mentor, Alpert Medical School of Brown University Alpert Medical School Summer Research Program (PI: Gruppuso, T35 HL094308-03)
- 1/2013- Lecturer, Alpert Medical School of Brown University Research Methodology Series, Pulmonary/Critical Care Fellowship Program
- 4/2014- Local Director, Alpert Medical School of Brown University Community Based Teaching Program

HOSPITAL TEACHING ROLES

7/2011- Lecturer/Trainer, Brown University Health
Adult ECLS training for MICU nurses and respiratory therapists, including bi-
weekly 1 hour lecture series