

Keith Brenner, MD
Assistant Professor of Clinical Medicine
Columbia University College of Physicians and Surgeons
Department of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine

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Education:

2000 B.S. Rutgers University
2005 M.D. The Johns Hopkins School of Medicine

Postgraduate Training and Fellowship Appointments:

2005-2008 Residency in Internal Medicine, Medical House Staff Training Program
New York Presbyterian Hospital
2008-2009 Chief Resident, Medical House Staff Training Program
New York Presbyterian Hospital
2009-2012 Fellow, Pulmonary and Critical Care Medicine
New York Presbyterian Hospital

Faculty Appointments:

2012-Present Assistant Professor of Clinical Medicine, Department of Medicine
Columbia University College of Physicians and Surgeons

Licensure and Certification:

2006-Present New York State Medical License
2008-Present Internal Medicine, American Board of Internal Medicine
2011-Present Pulmonary Diseases, American Board of Internal Medicine
2012 (Eligible) Critical Care Medicine, American Board of Internal Medicine

Membership in Professional Organizations:

2007-Present American Thoracic Society
2011-Present American College of Chest Physicians
2011-Present Society of Critical Care Medicine

Awards:

2005 Alpha Omega Alpha
2008 Arnold P. Gold Foundation, Humanism and Excellence in Teaching Award
2011 American Thoracic Society Fellows Track Symposium Travel Award

Committee and Organizational Service:

2008-2009 Cardiac Arrest Committee, New York Presbyterian Hospital
2008-2009 Medication Reconciliation Committee, New York Presbyterian Hospital
2008-2009 Quality Improvement in Oral Anticoagulant Use, NY Presbyterian Hospital

Teaching Experience:

2008-2009 Attending Physician, Medicine Inpatient/Outpatient Teaching
2008-2009 Instructor, Medical Student Physical Diagnosis Course
2008-2009 Instructor, Medicine Resident Cardiac Arrest Leader Preparation
2008-Current Instructor, Medicine Resident Central Venous Catheter Course
2012-Current Lecturer, College of Physicians and Surgeons, Pulmonary Section

Publications:

Brenner K, Cunningham J, Bacchetta M, Brodie D. Catheter Associated Deep Vein Thrombosis And Level Of Anticoagulation In Adult Patients Requiring Extracorporeal Membrane Oxygenation For Respiratory Failure. American Thoracic Society. May 2012. Abstract 27987.

Brenner K, Baldwin MR, Agerstrand CL, Burkart KM, Bulman WA, Bacchetta MD, Brodie D. Improvements in dynamic pulmonary compliance with a very low tidal volume ventilation strategy and extracorporeal membrane oxygenation for severe acute respiratory distress syndrome. Am J Respir Crit Care Med 183; 2011:A1648.

Baldwin MR, Bacchetta M, Brodie HD, **Brenner K**, Agerstrand C.L., Burkart K.M., Bulman W.A., Veno-venous extra corporeal membrane oxygenation with bi-caval dual lumen internal jugular catheter permits safe transport of adult patients with severe acute respiratory distress syndrome. Am J Respir Crit Care Med 183; 2011:A1649.

Agerstrand CA, Baldwin MR, Brodie HD **Brenner K**, Agerstrand C.L., Burkart K.M., Bulman W.A. Conservative blood transfusion strategies are effective for the management of adult patients with severe acute respiratory distress syndrome requiring extracorporeal membrane oxygenation. Am J Respir Crit Care Med 183; 2011:A1655.

Brenner K, Yip C, Cole S. A 25 year old pregnant woman with a large lung mass. Am J Respir Crit Care Med 181; 2010:A6873.

Keating CL, Wang S, **Brenner K**, Wang T, Powell C, Circulating Progenitor Cells in Non-Small Cell Lung Cancer Patients. American Thoracic Society. May 2008. Abstract 542.

Zimmer M, Ebert BL, Neil C, **Brenner K**, Papaioannou I, Melas A, Tolliday N, Lamb J, Pantopoulos K, Golub T, Iliopoulos O. Small-molecule inhibitors of HIF-2a translation links its 5'UTR iron-responsive element to oxygen sensing. Molecular Cell. 2008. 32: 838-48.

Abukhdeir AM, Vitolo MI, Argani P, De Marzo AM, Karakas B, Konishi H, Gustin JP, Lauring J, Garay JP, Pendleton C, Konishi Y, Blair BG, **Brenner K**, Garrett-Mayer E, Carraway H, Bachman KE, Park BH. Tamoxifen-stimulated growth of breast cancer due to p21 loss. Proceeding of the National Academy of Science. 2008. 105: 288-93.

Huang Y, Keen JC, Pledgie A, Marton LJ, Zhu T, Sukumar S, Park BH, Blair B, **Brenner K**, Casero RA Jr, Davidson NE. Polyamine analogues down-regulate estrogen receptor alpha expression in human breast cancer cells. Journal of Biological Chemistry. 2006. 281:19055-63.

Abukhdeir AM, Blair BG, **Brenner K**, Karakas B, Konishi H, Lim J, Sahasranaman V, Huang Y, Keen J, Davidson N, Vitolo MI, Bachman KE, Park BH. Physiologic estrogen receptor alpha signaling in non-tumorigenic human mammary epithelial cells. Breast Cancer Research and Treatment. 2005. 99:23-33.

Keen JC, Zhou Q, Park BH, Pettit C, Mack KM, Blair B, **Brenner K**, Davidson NE. Protein phosphatase 2A regulates estrogen receptor alpha (ER) expression through modulation of ER mRNA stability. Journal of Biological Chemistry. 2005. 280:29519-24.

Bachman KE, Blair BG, **Brenner K**, Bardelli A, Arena S, Zhou S, Hicks J, De Marzo AM, Argani P, Park BH. p21(WAF1/CIP1) Mediates the Growth Response to TGF-beta in Human Epithelial Cells. Cancer Biology and Therapy. 2004. 2:221-225.

Zimmer MA, Dedecker B, Siddiqui NS, **Brenner K**, and Iliopoulos O. Identification of Small Molecule Inhibitors of the Hypoxia-HIF-VHL Signaling Pathway. Abstract. Proceedings of the American Association of Cancer Research. 2003; 44:848.

Neumann HP, Hoegerle S, Manz T, **Brenner K**, Iliopoulos O. How many pathways to pheochromocytoma? Seminars in Nephrology. 2002; 2:89-99.