



- *Director, The Respiratory Centers of Excellence*
- *Medical Director, Lung Cancer Screening Program*
- *Professor*
- *Division of Pulmonary, Critical Care & Sleep Medicine*
- *Division of Oncology, Cancer Center*
- *Department of Medicine*

Conditions Treated:

Research Areas:

- *Cellular and Molecular Biology*
- *Inflammation*
- *Lung Cell Biology*
- *Translational Research*

Programs & Services:

- *COPD Program*
- *Division of Oncology*
- *Cancer Care*
- *Department of Medicine*
- *Division of Pulmonary, Critical Care and Sleep Medicine (Adult)*
- *Lung Cancer Screening CT Program*

Research Interests

My research focuses on how cells of the lung adhere and how cell-cell junctions are altered during lung injury and repair. This process is relevant to numerous pulmonary diseases including acute lung injury as well as lung cancer initiation and progression.

Board Certification

2010: BLS, ACLS, Colorado License
2008: Critical Care Medicine
2007: Pulmonary Medicine
2006: Medical License: Ohio
2003: American Board of Internal Medicine

Education

1989 - 1993 Colgate University, BA, English Literature
1995 - 1999 University of Rochester School of Medicine, MD

Residency

2000 - 2002 University Hospitals of Cleveland, Resident in Internal Medicine
2002 - 2003 University Hospitals of Cleveland, Chief Resident

Fellowship

2003 - 2007 Johns Hopkins University School of Medicine, Pulmonary and Critical Care Fellow

Affiliations with the University of Colorado Denver

Assistant Professor, University of Colorado, Division of Pulmonary and Critical Care Medicine

Professional Memberships

American Association for Cancer Research
American Thoracic Society
Pulmonary Circulation Assembly

Publications

Finigan JH, Dudek SM, Singleton PA, Chiang ET, Jacobson JR, Camp SM, Ye SQ, Garcia JG. Activated protein C mediates novel lung endothelial barrier enhancement. JBC 2005;280:17286-92.

Abdulnour RE, Peng X, Finigan JH, Han EJ, Hasan EJ, Birukov KB, Reddy SP, Watkins III JE, Kayyali US, Garcia J GN, Tudor RM, and Hassoun PM. Mechanical stress activates xanthine oxidoreductase through MAP Kinase-dependent pathways. AJP: Lung Cellular and Molecular Physiology. AJP: Lung Cellular and Molecular Physiology. 2006;291(3):345-53.

Finigan JH. The Coagulation System and Pulmonary Endothelial Function in Acute Lung Injury. Microvascular Research. 2009; Jan;77(1):35-8.

Finigan JH, Boueiz A, Wilkinson E, Damico R, Skirball J, Pae HH, Damarla M, Hasan E, Pearse DB, Reddy SP, Grigoryev DN, Cheadle C, Esmon CT, Garcia JG, Hassoun PM. Activated protein C protects against ventilator-induced lung injury. Am J Physiol Lung Cell Mol Physiol. 2009; 296(6):1002-11.

Lin Z, Natesan V, Shi H, Dong F, Kawanami D, Mahabeleshwar GH, Atkins GB, Finigan JH and Jain MK. KLF2 regulates endothelial barrier function. Arterioscler Thromb Vasc Biol. 2010;30(10):1952-9.

Doctor's Contact Information

Office: 877.225.5654

Locations

National Jewish Health Main Campus
1400 Jackson St.

Denver, CO 80206

Saint Joseph Hospital
1835 Franklin Street

Denver, CO 80218