



- *Professor Emeritus*
- *Associate Vice President, Academic Affairs*
- *Cetalie & Marcel Weiss Chair in Pulmonary Disease*
- *Department of Medicine*
- *Division of Pulmonary, Critical Care & Sleep Medicine*

Conditions Treated:

Research Areas:

- *Pulmonary Fibrosis*
- *Chronic Obstructive Pulmonary Disease (COPD) and Viral Infections*
- *Innate Immunity*
- *Lung Injury and Repair*
- *Oxidant Injury*
- *Ozone*
- *Viral Infections*

Programs & Services:

- *Department of Medicine*
- *Division of Pulmonary, Critical Care and Sleep Medicine (Adult)*

Research Interests

Pulmonary Disease Research. Biology of alveolar type II epithelial cells. Lipogenesis in alveolar type II cells. Response of alveolar epithelial cells to viral infections and environmental stress.

Board Certification

Internal Medicine & Pulmonary Disease

Education

1962 Trinity College (Hartford, CT), BS

1966 Case Western Reserve Medical School (Cleveland, OH), MD

Residency

1966 - 1968 Harvard Medical Service, Boston City Hospital, Intern / Resident

1968 - 1970 National Heart and Lung Institute (Bethesda, MD), Clinical Associate, Molecular Disease Branch

1970 - 1971 National Heart and Lung Institute (Bethesda, MD), Chief Resident

Fellowship

1971 - 1974 Cardiovascular Research Institute, University of California, San Francisco, Fellow, Pulmonary Disease

Teaching or Professional Positions

Associate Vice President of Academic Affairs
Graduate Faculty, University of Colorado Denver

Affiliations with the University of Colorado Denver
Professor of Medicine, University of Colorado Denver

Professional Memberships

American Society for Clinical Investigation
American Association of Professors
American College of Physicians
American Physiologic Society
American Society of Virology
American Society of Cell Biology

Awards & Recognition

Scientific Achievement Award, American Thoracic Society, 2000
National Advisory Council NHLBI
Cetalie and Marcel Weiss Chair in Pulmonary Disease Advisory Council NHLBI, NIH, 2001-2006
NIH Merit Award Recipient

Publications

Wang, J., Edeen K.E., Manzer, R., Chang Y., Wang S., Chen X., Funk C.J., Cosgrove G.P., Fang X., Mason R.J. Differentiated human alveolar epithelial cells and reversibility of their phenotype in vitro. *Am J Respir Cell Mol Biol.* 2007, Jun; 36(6): 661-8.

Mossel E., Wang J., Jeffers S., Edeen K.E., Wang S., Cosgrove G.P., Funk C.J., Manzer R, Miura T.A., Pearson L.D., Holmes K.V., Mason R.J. SARS-CoV replicates in primary human alveolar type II cell cultures but not in type I-like cells. *Virology.* 2008; 372:127-35.

Kosmider B., Loader J.E., Murphy R.C., Mason R.J.. Apoptosis induced by ozone and oxysterols in human alveolar epithelial cells. *Free Radical Biology and Medicine.* 2010 Jun 1;48(11):1513-24.

Wang J., Nikrad M.P., Phang T., Gao B., Alford T., Ito Y., Edeen K.E., Travanty E.A., Kosmider B., Hartshorn K., Mason R.J. Innate Immune Response to Influenza A Virus in Differentiated Human Alveolar Type II cells. *Am J Respir Cell Mol Biol.* 2011 Jan 14. [Epub ahead of print].

Ito Y., Ahmad A., Kewley E., Mason R.J. Hypoxia Inducible Factor Regulates Surfactant Protein Expression in Alveolar Type II Cells in vitro. *Am J Respir Cell Mol Biol.* 2011 Mar 31. [Epub ahead of print].

Doctor's Contact Information

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Locations

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