

CENTER FOR ENVIRONMENTAL MEDICINE, ASTHMA AND LUNG BIOLOGY

PUBLICATIONS (2008)

Alexis NE, Muhlebach MS, Peden DB, Noah TL. Attenuation of host defense function of lung phagocytes in early cystic fibrosis. *Journal of Cystic Fibrosis* 2006;5:17-25.

Bennett WD, KL Zeman, and AM Jarabek. Nasal contribution to breathing and fine particle deposition in children vs. adults. *Journal of Toxicology and Environmental Health Part A*, 71: 227-237, 2008.

Carson, J. L., Brighton, L. E., Jaspers, I., Hazucha, M., Song, R., Zhou, H. 2008. Persistent upregulation of nasal epithelial ciliary beat frequency among smokers and individuals exposed to environmental tobacco smoke. International Conference American Thoracic Society. Toronto, Canada.

Carson, J. L. 2008. Human Ciliopathies: An overview of the first one hundred years. *Microsc. Microanal.* 14(Suppl. 2):146-147. (Published abstract from invited presentation).

Foos B, Marty M, Schwartz J, Bennett W, Moya J, Jarabek AM, and AG Salmon. Focusing on Children's Inhalation Dosimetry and Health Effects for Risk Assessment: an Introduction. *Journal of Toxicology and Environmental Health Part A*, 71: 149-165, 2008.

Jaspers I, Brighton LE, Zhang W, Carson JL, Noah TL. Reduced Expression of IRF7 in Nasal Epithelial Cells from Smokers as a Potential Mechanism Mediating Enhanced Susceptibility to Influenza. *Am J Resp Crit Care Med* 2008; 177:A964 (abstract of platform presentation at 2008 American Thoracic Society meetings, Toronto, Canada).

Jovov, B., Van Itallie, C. M, Shaheen, N. J., Carson, J. L., Gambling, T. M., Anderson, J. M., Orlando, R. C. 2007. Claudin-18: A Dominant Tight Junction Protein in Barrett's Esophagus and Likely Contributor to its Acid Resistance. *Am. J. Physiol. Gastrointest. Liver Physiol.* Oct 11; [Epub ahead of print].

Noah TL, Tudor GE, Ivins SS, Murphy PC, Peden DB, Henderson FW. Repeated measurement of nasal lavage fluid chemokines in school-age children with asthma. *Annals Allergy Asthma Immunol* 2006; 96:304-10.

Noah TL, Murphy PC, Zhang W, Herbst M, Jaspers I. Effects of Environmental

Tobacco Smoke on Nasal Responses to Live Attenuated Influenza Virus. *Am J Resp Crit Care Med* 2008; 177:A964 (platform presentation at 2008 American Thoracic Society meetings, Toronto, Canada)

Tobey, N. A., Gambling, T. M., Vanegas, X. C., Carson, J. L., Orlando, R. C. 2008. Physicochemical basis for dilated intercellular spaces in non-erosive acid-damaged rabbit esophageal epithelium. *Dis. Esophagus* [Epub ahead of print].

Wiser J, Alexis NE, Jiang Q, Wu W, Robinette C, Roubey R, Peden DB. (2008) In vivo gamma-tocopherol supplementation decreases systemic oxidative stress and cytokine responses of human monocytes in normal and asthmatic subjects. *Free Radic Biol Med.* 45(1):40-49.

Wu W, NE Alexis, X Chen, PA Bromberg, and DB Peden. (2008) Involvement of mitogen-activated protein kinases and NFkB in LPS-induced CD40 expression on human monocytic cells. *Toxicol Appl Pharmacol.* 228(2):135-143.

Wu W, R Silbajoris, D Cao, PA Bromberg, Q Zhang, DB Peden, and JM Samet. (2008) Regulation of cyclooxygenase-2 expression by cAMP response element and mRNA stability in a human airway epithelial cell line exposed to zinc. *Toxicol Appl Pharmacol.* 231(2):260-266.