Lung transplant/Artificial lung

Bart Griffith (BGriffith@som.umaryland.edu):

Dr. Griffith’s research focuses on development of an artificial lung and mechanical blood pumps, lung transplantation, and advanced treatment of ARDS with anti-inflammatory treatment, including stem cells and ECMO.

Highlighted Publications:

2. Griffith BP. Children are not necessarily “small” adults: The growing field of miniaturized mechanical circulatory support. Editorial Commentary 2010 http://www.jhltonline.org


Links:
Med School faculty page: http://www.medschool.umaryland.edu/profiles/Griffith-Bartley/
PubMed
Rob Reed (reedom.umaryland.edu):

Dr. Reed’s clinical and translational research focuses on COPD, including potential mechanisms of overlap with atherosclerosis, and lung transplantation including optimization of donor-recipient matching. Dr. Reed participates in several national and multinational networks involving COPD research, including the COPD clinical research network (CCRN), the Pulmonary Trials Collaborative (PTC), and the Trans-Omics for Precision Medicine (TOPMed) network. Dr. Reed is part of a multidisciplinary personalized medicine group that studies gene linkages in the Amish of Lancaster County. As part of this work Dr. Reed established a mobile pulmonary function laboratory which has been used to phenotype ~5000 participants, and he serves as the pulmonary liaison to the Trans-Omics for Precision Medicine (TOPMED) pulmonary working groups.

Highlighted Publications:
4. Reed RM, Reed AW, McArdle PF, Miller M, Pollin TI, Shuldiner AR, Steinle NI, Mitchell, BD. Vitamin and Supplement Use in the Old Order Amish: Gender-specific prevalence and associations with use. JAND. 2014; DOI 10.1016/j.jand.2014.08.020. PMID 25316108