Publication list GOLD-net

Comparative proteome analysis of lung tissue from patients with idiopathic pulmonary fibrosis (IPF), non-specific interstitial pneumonia (NSIP) and organ donors.
J Proteomics. 2013 Jun 24;85:109-28. doi: 10.1016/j.jprot.2013.04.033. Epub 2013 May 6.
Korfei M, von der Beck D, Henneke I, Markart P, Ruppert C, Mahavadi P, Ghanim B, Klepetko W, Fink L, Meiners S, et al.

SFTA2 – a novel secretory peptide highly expressed in the lung- is modulated by lipopolysaccharide but not hyperoxia.
PLOS One 2012;7(6):e40011. PMID: 22768197
Mittal RA, Hammel M, Schwarz J, Heschl K, Bretschneider N, Flemmer AW, Herber-Jonat S, Königshoff M, Eickelberg O, Holzinger A.

Respiratory syncytial virus potentiates ABCA3 mutation-induced loss of lung epithelial cell differentiation.
Hum Mol Genet. 2012 Jun 15;21(12):2793-806. PMID: 22434821
Kaltenborn E, Kern S, Frixel S, Fragnet L, Conzelmann KK, Zarbock R, Griese M.

PAR-2 Inhibition Reverses Experimental Pulmonary Hypertension.
Circ Res. 2012 Apr 27;110(9):1179-91. PMID: 22461388
Kwapiszewska G, Markart P, Dahal BK, Kojonazarov B, Marsh LM, Schermuly RT, Taube C, Meinhardt A, Ghofrani HA, Steinhoff M, Seeger W, Preissner KT, Olschewski A, Weissmann N, Wygrecka M.

Fatal neonatal respiratory failure in an infant with congenital hypothyroidism due to haploinsufficiency of the NKX2-1 gene: alteration of pulmonary surfactant homeostasis.
Arch Dis Child Fetal Neonatal Ed. 2011 Nov;96(6):F453-6. PMID: 20584796
Kleinlein B, Griese M, Liebisch G, Krude H, Lohse P, Aslanidis C, Schmitz G, Peters J, Holzinger A.

Pulmonary hypertension presenting with apnea, cyanosis, and failure to thrive in a young child.
Chest. 2011 Oct;140(4):1086-9. PMID: 21972389
Navarini S, Bucher B, Pavlovic M, Pfammatter JP, Casaulta C, Brasch F, Griese M, Regamey N.

Role of protease-activated receptor-2 in idiopathic pulmonary fibrosis.
Wygrecka M, Kwapiszewska G, Jablonska E, von Gerlach S, Henneke I, Zakrzewicz D, Guenther A, Preissner KT, Markart P. Am J Respir Crit Care Med 2011, 183 (12):1703-1714

A Comparative proteomic analysis of lung tissue from patients with idiopathic pulmonary fibrosis (IPF) and lung transplant donor lungs
Korfei M, Schmitt S, Ruppert C, Henneke I, Markart P, Loeh B, Mahavadi P, Wygrecka M, Klepetko W, Fink L, Bonniaud P, Preissner K, Lochnit G, Schaefer L, Seeger W, Guenther. J Proteome Res2011, 10 (5):2185-2205

Some ABCA3 mutations elevate ER stress and initiate apoptosis of lung epithelial cells.
Weichert N, Kaltenborn E, Hector A, Woischnik M, Schams A, Holzinger A, Kern S, Griese M. Respir Res. 2011 Jan 7;12:4.

Alternatively activated alveolar macrophages in pulmonary fibrosis-mediator production and intracellular signal transduction.
Pechkovsky DV, Prasse A, Kollert F, Engel KM, Dentler J, Luttmann W, Friedrich K, Müller-Quernheim J, Zissel G. Clin Immunol. 2010 Oct;137(1):89-101.

Respiratory disease in Niemann-Pick type C2 is caused by pulmonary alveolar proteinosis.
Clin Genet. 2010 Feb;77(2):119-30. PMID: 20002450

Griese M, Brasch F, Aldana VR, Cabrera MM, Goelnitz U, Ikonen E, Karam BJ, Liebisch G, Linder MD, Lohse P, Meyer W, Schmitz G, Pamir A, Ripper J, Rolfs A, Schams A, Lezana FJ.