This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Pulmonary disease				
Acute lung injury	Not applicable	<p>Mouse studies suggest bone marrow-derived stromal cells (BMSCs) may help treat acute lung injury by restoring alveolar bioenergetics. In mice with lipopolysaccharide (LPS)-induced acute lung injury, airway-delivered wild-type BMSCs released mitochondria into the alveolar epithelia, and increased alveolar ATP concentrations and decreased lung injury compared with airway-delivered BMSCs with dysfunctional mitochondria. Next steps include optimizing methods for using BMSCs as a cell therapy to treat acute lung injury.</p> <p>SciBX 5(18); doi:10.1038/scibx.2012.474 Published online May 3, 2012</p>	Unpatented; licensing status not applicable	<p>Islam, M.N. <i>et al. Nat. Med.</i>; published online April 15, 2012; doi:10.1038/nm.2736 Contact: Jahar Bhattacharya, Columbia University, New York, N.Y. e-mail: jb39@columbia.edu</p>