

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Pulmonary disease				
Bronchopulmonary dysplasia (BPD)	IL-1 receptor antagonist (IL-1RA)	Mouse studies suggest IL-1RA could help treat BPD. In a mouse model of BPD, IL-1RA prevented or decreased lung inflammation and alveolar destruction compared with vehicle. In the model, IL-1RA partially prevented disease-associated decreases in immune cell levels and increases in proinflammatory cytokine levels. Next steps include testing the strategy in human infants who have BPD.	Use of anti-IL-1 strategies to treat or prevent BPD has been patented; unavailable for licensing	Nold, M.F. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Aug. 14, 2013; doi:10.1073/pnas.1306859110 Contact: Claudia A. Nold-Petry, Monash University, Clayton, Victoria, Australia e-mail: claudia.nold@monash.edu
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