

This week in therapeutics

| Indication | Target/marker/ pathway | Summary | Licensing status | Publication and contact information |
|--------------------------------|--|--|---|--|
| Musculoskeletal disease | | | | |
| Cartilage repair | Transforming growth factor- β 1 (TGFB1; TGF β 1) | <i>In vitro</i> and rabbit studies suggest that TGFB1-binding peptides could help improve cartilage regeneration following cartilage repair surgery. In rabbits undergoing repair surgery, the TGFB1-binding peptides led to greater cartilage regeneration than nonbinding control peptides. Future studies could include testing the TGFB1-binding peptides in larger animal models of cartilage repair surgery. | Patented by Northwestern University; licensing status unavailable | Shah, R. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online Feb. 1, 2010; doi:10.1073/pnas.0906501107 Contact: Samuel I. Stupp, Northwestern University, Chicago, Ill. e-mail: s-stupp@northwestern.edu |
| | | SciBX 3(7); doi:10.1038/scibx.2010.218 Published online Feb. 18, 2010 | | |