

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Endocrine disease				
Infertility	Osteocalcin	<p>Mouse studies suggest that the hormone osteocalcin could help improve male fertility. In male mice, osteocalcin deficiency led to lower testosterone levels and sperm counts, less frequent litters and fewer pups per litter than those from wild-type mice. Also in male mice, osteocalcin increased testosterone production compared with vehicle control. Next steps could include determining whether osteocalcin shows similar function in humans.</p> <p>SciBX 4(10); doi:10.1038/scibx.2011.285 Published online March 10, 2011</p>	Patent application filed; unavailable for licensing	<p>Oury, F. <i>et al. Cell</i>; published online Feb. 17, 2011; doi:10.1016/j.cell.2011.02.004 Contact: Gerard Karsenty, Columbia University, New York, N.Y. e-mail: gk2172@columbia.edu</p>