This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Musculoskeletal disease				
Osteoporosis	Secreted frizzled related protein-1 (SFRP1)	SAR studies identified diphenylsulfone sulfonamide derivatives as SFRP1 inhibitors that could be useful for treating osteoporosis. In an <i>ex vivo</i> mouse skull assay, one of the most potent and selective inhibitors caused a 50% increase in total bone area and increased the number of osteoblasts compared with what was seen in vehicle-treated controls. Next steps could include testing the inhibitors <i>in vivo</i> .	Patent and licensing status unavailable	Gopalsamy, A. <i>et al. J. Med. Chem.</i> ; published online Dec. 11, 2008; doi:10.1021/jm801069w Contact: Ariamala Gopalsamy, Wyeth Research, Cambridge, Mass. e-mail: gopalsa@wyeth.com
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