This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Ophthalmic disease				
Glaucoma	Not applicable	Mouse studies suggest decreasing the chemical chaperone sodium 4-phenylbutyrate (PBA) could help prevent glucocorticoid-induced glaucoma. In a mouse model of glucocorticoid-induced glaucoma, PBA in drinking water decreased endoplasmic reticulum stress markers and intraocular pressure compared with water alone. Next steps include designing clinical trials to test PBA eye drop formulations in glucocorticoid-treated patients developing increased intraocular pressure. *SciBX* 7(22); doi:10.1038/scibx.2014.651 Published online June 5, 2014	Unpatented; licensing status not applicable	Zode, G.S. *et al. J. Clin. Invest.*; published online May 1, 2014; doi:10.1172/JCI69774 **Contact:** Val C. Sheffield, The University of Iowa, Iowa City, Iowa e-mail: val-sheffield@uiowa.edu **Contact:** Gulab S. Zode, University of North Texas Health Science Center, Fort Worth, Texas e-mail: gulab.zode@unthsc.edu