## This week in therapeutics

| Indication | Target/marker/ pathway | Summary | Licensing status | Publication and contact information |
|---|---|---|---|---|
| **Infectious disease** | | | | |
| Influenza virus | Influenza A virus hemagglutinin (HA) | Mouse studies suggest an adeno-associated virus (AAV) 2/8 vector that expresses a broadly neutralizing mAb against HA could help prevent influenza infection. Normal mice receiving intramuscular injection with an AAV vector encoding F10 or CR6261 were protected from challenge with at least three diverse strains of influenza virus. F10 and CR6261 are HA-targeting, recombinant antibodies that have been shown to protect mice from H1 and H5 influenza virus infection. In aged or immunocompromised mice, immunization with AAV encoding F10 resulted in protection from matched influenza virus challenge. Next steps include safety and immunogenicity studies in human systems.<br><br>*SciBX* 6(26); doi:10.1038/scibx.2013.659<br>Published online July 11, 2013 | Patent application filed; available for licensing | Balazs, A.B. *et al. Nat. Biotechnol.*; published online June 2, 2013; doi:10.1038/nbt.2618<br>**Contact:** David Baltimore, California Institute of Technology, Pasadena, Calif.<br>e-mail: baltimo@caltech.edu |