NATUREVIEW

REVIEWS AND COMMENT FROM THE NATURE PUBLISHING GROUP



▲ Taking aim at pharma. Snyderman, R. Nature Medicine December (2004). A review of the book The Truth About the Drug Companies: How They Deceive Us and What to Do About It by M. Angell.



Rational targeting for prion therapeutics Mallucci, G. & Collinge, J. Nature Reviews Neuroscience January (2005)

 Tuberculosis — metabolism and respiration in the absence of growth.

Boshoff, H. I. M. & Barry, C. E. Nature Reviews Microbiology January (2005)

This article reviews the metabolic adaptations that Mycobacterium tuberculosis uses to survive and how knowledge of these pathways might help in the search for new therapeutic interventions for tuberculosis.

Integrin-linked kinase: a cancer therapeutic target unique amongst its ilk. Hannigan, G., Troussard, A. A. & Dedhar, S. Nature Reviews Cancer January (2005)

 Cellular immunotherapy for viral infection after haematopoietic stem-cell transplantation.

Moss, P. & Rickinson, A. Nature Reviews Immunology January (2005)

 Creating incentives for genomic research to improve targeting of therapies.

Evans, B. J., Flockhart, D. A. & Meslin, E. M. Nature Medicine December (2004)

 Synthetic biomaterials as instructive extracellular microenvironments for morphogenesis in tissue engineering. Lutolf, M. P. & Hubbell, J. A. Nature Biotechnology January (2005)

- Cancer drug discovery: the wisdom of imprecision. Gudkov, A. V. Nature Medicine December (2004)
- Chemotherapy and the war on cancer.

Chabner, B. A. & Roberts, T. G. Nature Reviews Cancer January (2005)

 An enriched look at tyrosine phosphorylation.

Conrads, T. P. & Veenstra, T. D. Nature Biotechnology January (2005)

▼ Combination stroke therapy: easy as APC?

Lo, E. H. Nature Medicine December (2004)

So far, the only FDA-approved therapy for ischaemic stroke is recombinant tissue plasminogen activator (tPA), which can increase blood flow to damaged brain tissue. However, this is associated with severe side effects and must be administered shortly after stroke. As discussed in this News and Views article, combining the drug with activated protein C (APC) might provide a solution.

