New Tactics Against Tuberculosis

1. How long have humans suffered from Tuberculosis?
2. How many people are infected with Tuberculosis every year around the world? How many die?
3. What percentage of cases occur in developing nations? What percentage of deaths occur in developing nations?
4. Why is it still such a huge global problem despite the fact that it is relatively uncommon in the western world?
5. Explain the difference between the latent and active versions of Tuberculosis.
6. What are the symptoms of active Tuberculosis?
7. When was a vaccine first made available? Who developed it?
8. When was streptomycin developed? By whom?
9. How many people are believed to be infected with Tuberculosis world-wide? How many will develop active TB? How many people will each of these infect annually?
10. Explain the link between TB and AIDS.
11. Explain how drug-resistant strains develop.
12. What is the difference between MDR-TB and XDR-TB.
13. Why are pharmaceutical companies disinterested in developing drugs to fight TB?
14. Discuss some of the reasons why the development of new antibiotics is a slow process.
15. How are new advances in genetics helping our fight against TB?
16. What are emergent properties?
17. What does “in silico” mean?