

### **Why Does Evolution Matter Now? Questions accompanying video**

On Youtube search PBS evolution and Why does evolution matter now? If the link doesn't work.

1. Why is the Russian prison system considered to be "ground zero" in the fight against TB?
2. What is responsible for the evolution of TB strains that are resistant to multiple drugs?
3. How does the misuse of antibiotics affect the evolution of disease-causing bacteria? Use the theory of natural selection to explain the growing resistance to antibiotics.
4. Why should we care about a resistant strain of TB in Russia?

<http://www.pbs.org/wgbh/evolution/educators/lessons/lesson6/act1.html>

<http://www.youtube.com/watch?v=6jBD8xfbf4Y&list=PL5270149AB732F0FB&index=6>