Why aren't all E. coli resistant?

Things are not as bad as feared (still pretty bad though).

Evolutionary biologists are trying to solve the case.

Why aren't antibiotic-resistant superbugs taking over the world?

Learn more inside this zine!

We know that evolution of resistance is common (through mutation or horizontal gene transfer)

... and countries that prescribe more drugs have more resistance.

But in E. coli, resistance has stopped increasing...

Why the plateau?

I hypothesize that a mild fitness cost of resistance is enough to keep resistance levels at an equilibrium.