



**Very specific tail fibers determine which bacterial species to infect**

**Most abundant organism on Earth**

Andromeda Galaxy  
2.5 million light years

**Lined up**  
10<sup>31</sup> Phages on Earth  
= 200 million light years

**Most unravelled genetic diversity on Earth**

**Representing a new treasure trove of antimicrobials**

**Long history of use in some parts of the world**

**Specifically targets and kills bacterial cells only**

**Target multidrug resistant bacteria**

**Phages will work when antibiotics can't**