Mimic, Mutate, Master: How human-like media dictates antibiotic resistance

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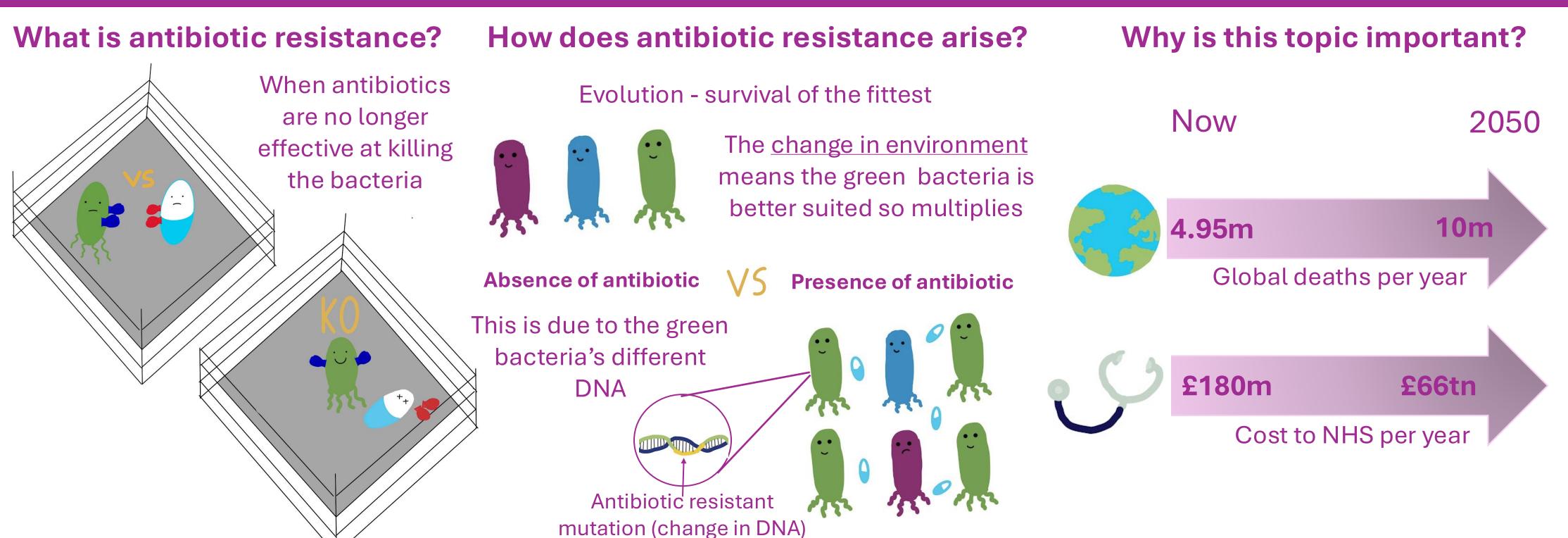
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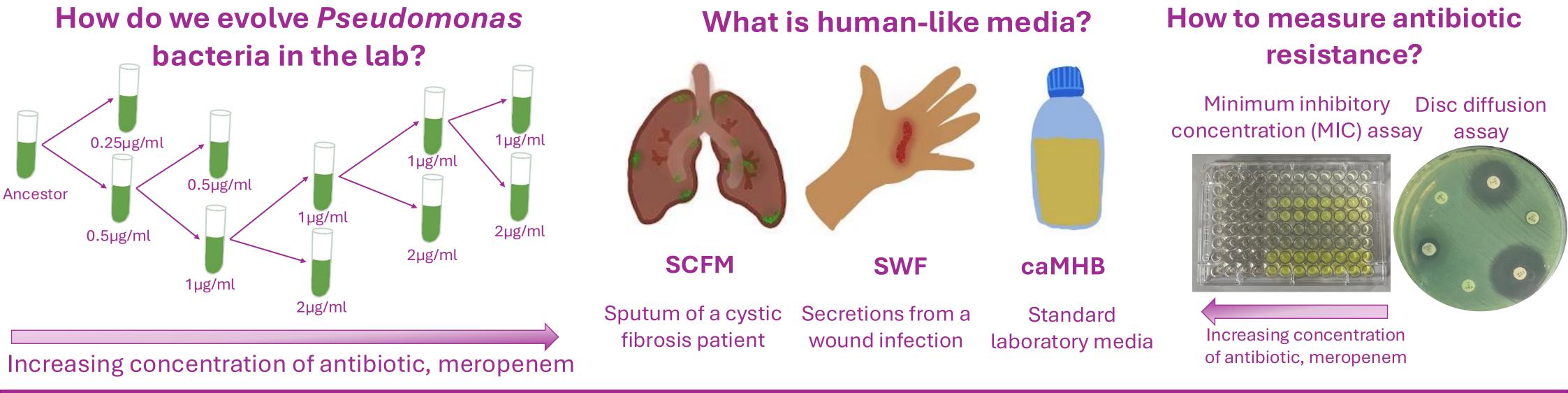
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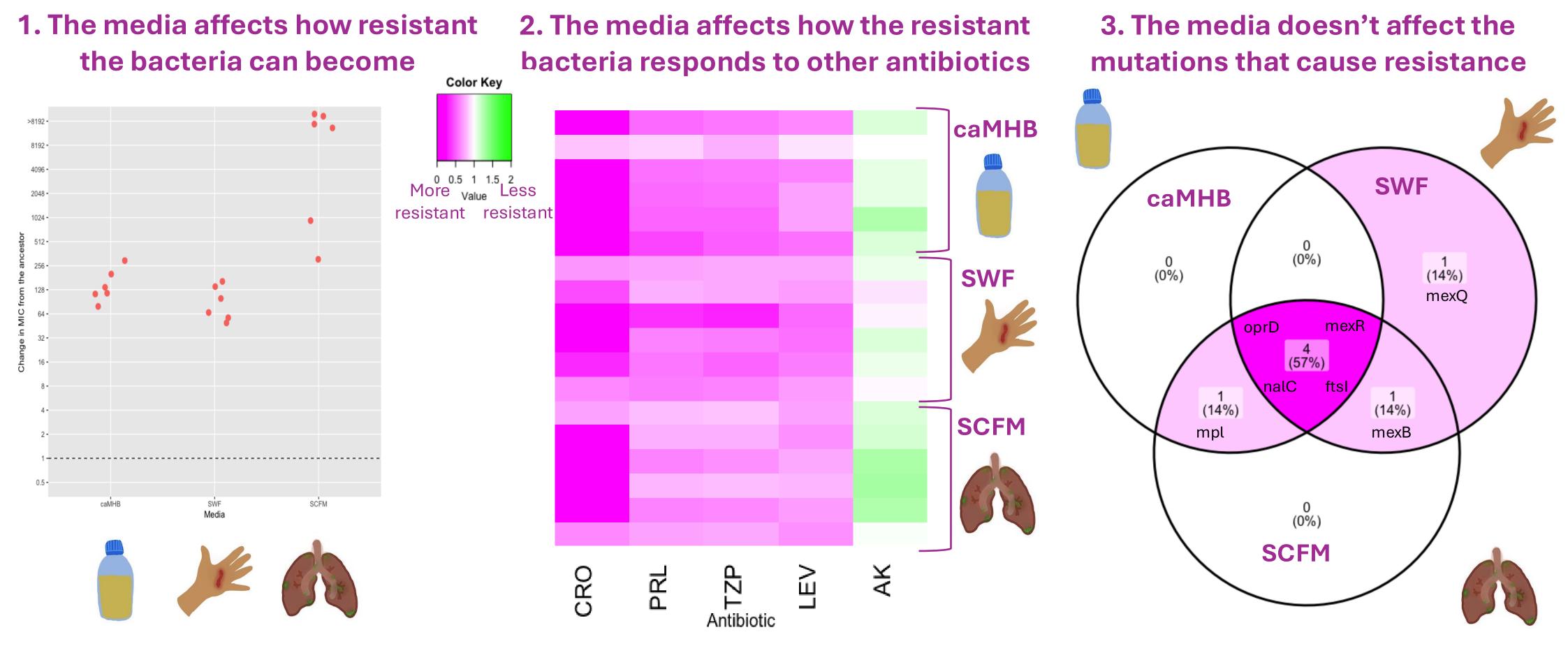
The problem: antibiotic resistance



Our approach: using human-like media to better represent antibiotic resistance evolution in humans



Our results: human-like media is affecting the evolution of antibiotic resistance



How can this help prevent antibiotic resistance?

- 1. We could better choose which antibiotics to prescribe for different infections, conserving current antibiotics
- 2. We should test novel antibiotics in human-like media to identify how they could develop resistance in humans more accurately