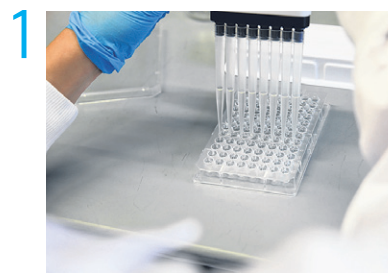


# Finding the right drug combinations

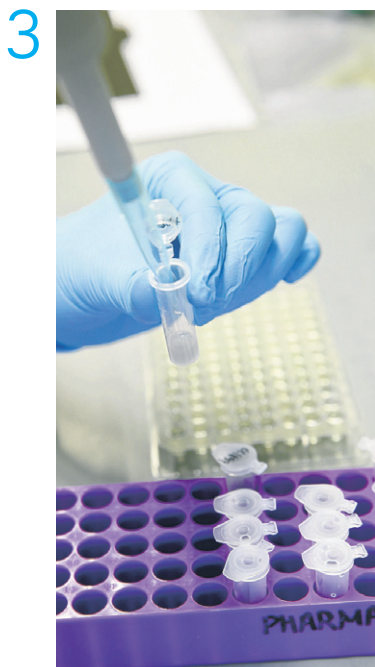
Pharmacists at the Singapore General Hospital are working out the best combinations of antibiotics to fight off various drug-resistant bacteria.



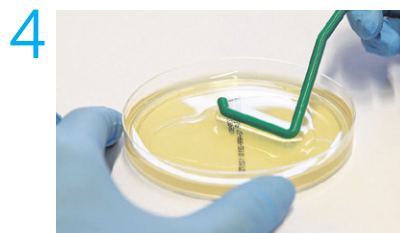
- Pharmacists prepare at least 80 different types of antibiotic combinations in a well plate.



- Bacteria is added to each of the "wells" and allowed to incubate.



- After 24 hours, scientists check to see which "wells" have no bacteria growth, and take samples from them.



- Bacteria samples are transferred to larger petri dishes and incubated overnight.



- Bacteria shows up as spots on the petri dish. Scientists look for the dishes with the fewest amount of spots to learn which is the optimal combination of antibiotics.