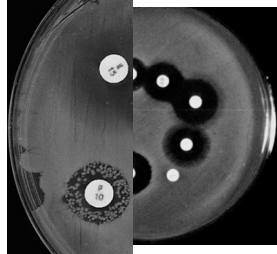


Antibiotic Misuse

- For a virus
- Not completing prescription
- Someone else's prescription



Genetic Drift


'67-68	A/Ann Arbor/57 A/Japan/62 B/Maryland/59	'00-01	A/Moscow/99 A/New Caledonia/99 B/Beijing/93
'68-69	A/Japan/62 /Taiwan/64 B/Mass/66	'03-04	A/New Caledonia/99 A/Panama/99 B/Hong Kong/01
'76-77	A/Victoria/75 A/New Jersey/76 B/Hong Kong/72	'04-05	A/Fujian/02 A/ New Caledonia/99 B/Hong Kong/02
'99-00	A/Beijing/95 A/Sydney/97 B/Yanamashi/95	'05-06	A/New Caledonia/99 A/California/04 B/Shanghai/02

Ecological Equivalents




Convergent Evolution
Ant-eating mammal needs:

- Tongue?
- Teeth?
- Leg length?
- Toes?

A diagram illustrating convergent evolution. Three arrows originate from the left and point towards a single point on the right, symbolizing different lineages or species evolving towards a common trait or adaptation.

Divergent Evolution
Competition leads to:

A diagram illustrating divergent evolution. A single arrow originates from the left and splits into three arrows pointing towards the right, symbolizing a single lineage or species evolving into multiple different forms or adaptations.
