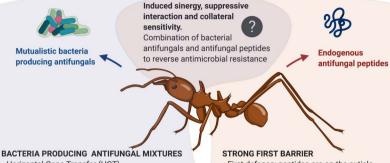
## Strategies for preventing development of antifungal resistance



## - Horizontal Gene Transfer (HGT)

- Gene rearrangment mutations
- More different mixtures
- Fast replication
- Rapid response to environmental stresses

- First defence: peptides are on the cuticle
- Defensins retain their antibacterial activity over millions of years with modest resistance development
- Mixtures are made of few peptides and have minimal variation in structure