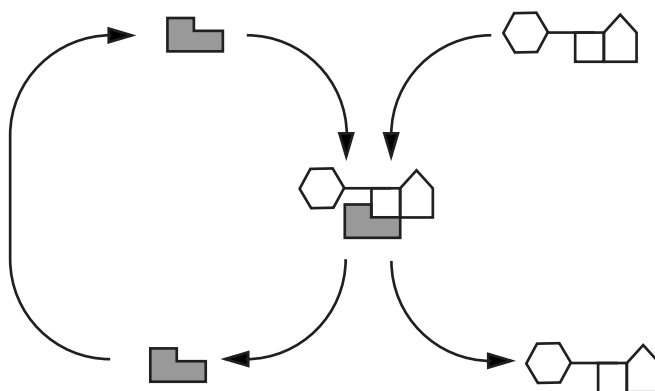


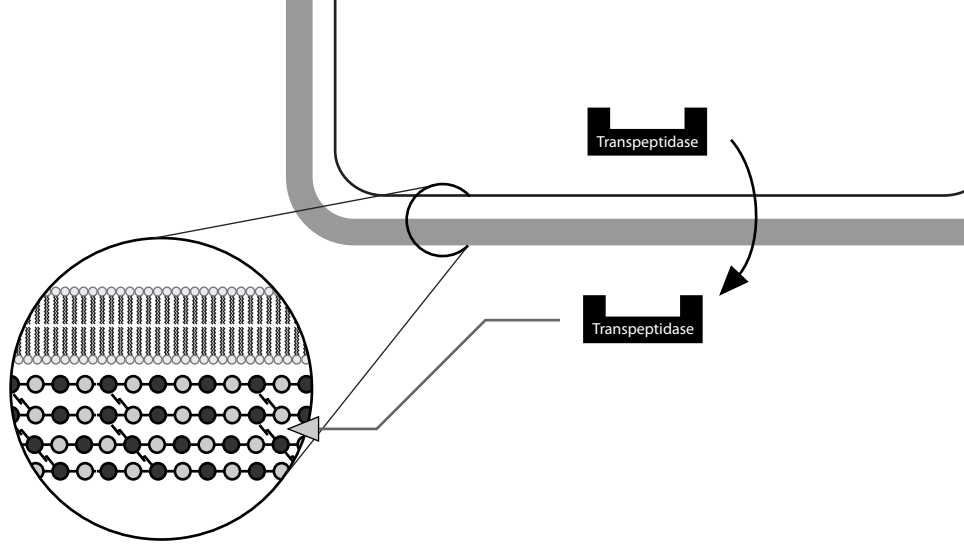
Chemical Warfare

An Illustrated Guide to select
Enzyme / Antibiotic Interactions
to Accompany Lecture

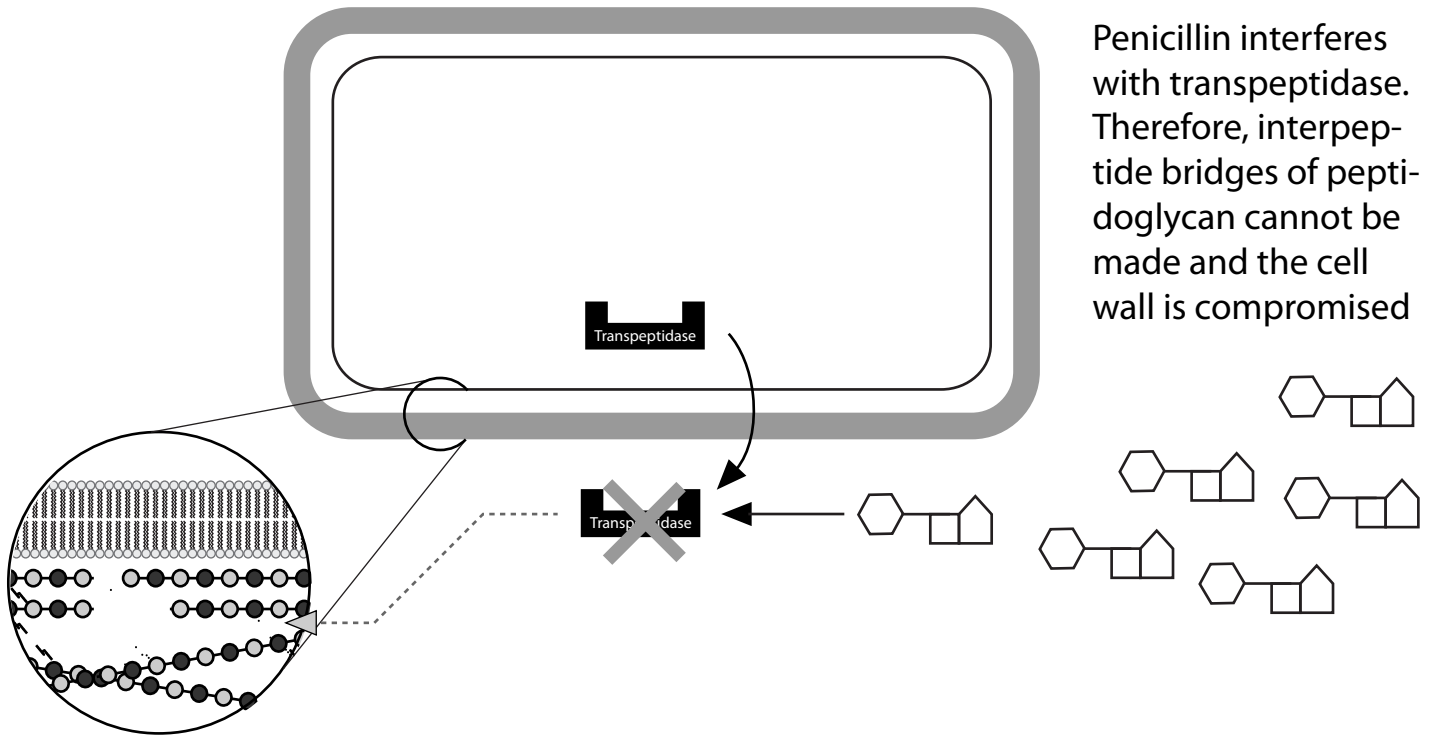


By Noel Ways

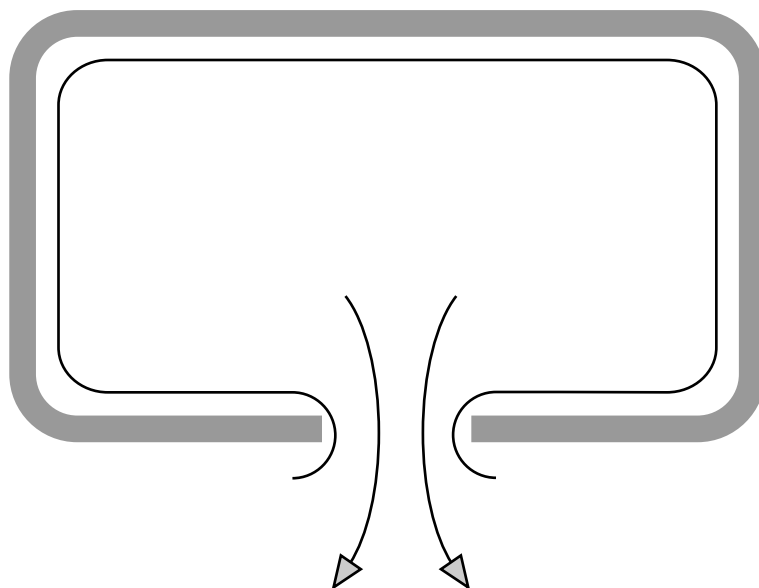
Bacteria makes transpeptidase for interpeptide bridge formation of peptidoglycan. The peptidoglycan cell wall enables the bacteria to withstand osmotic pressures.

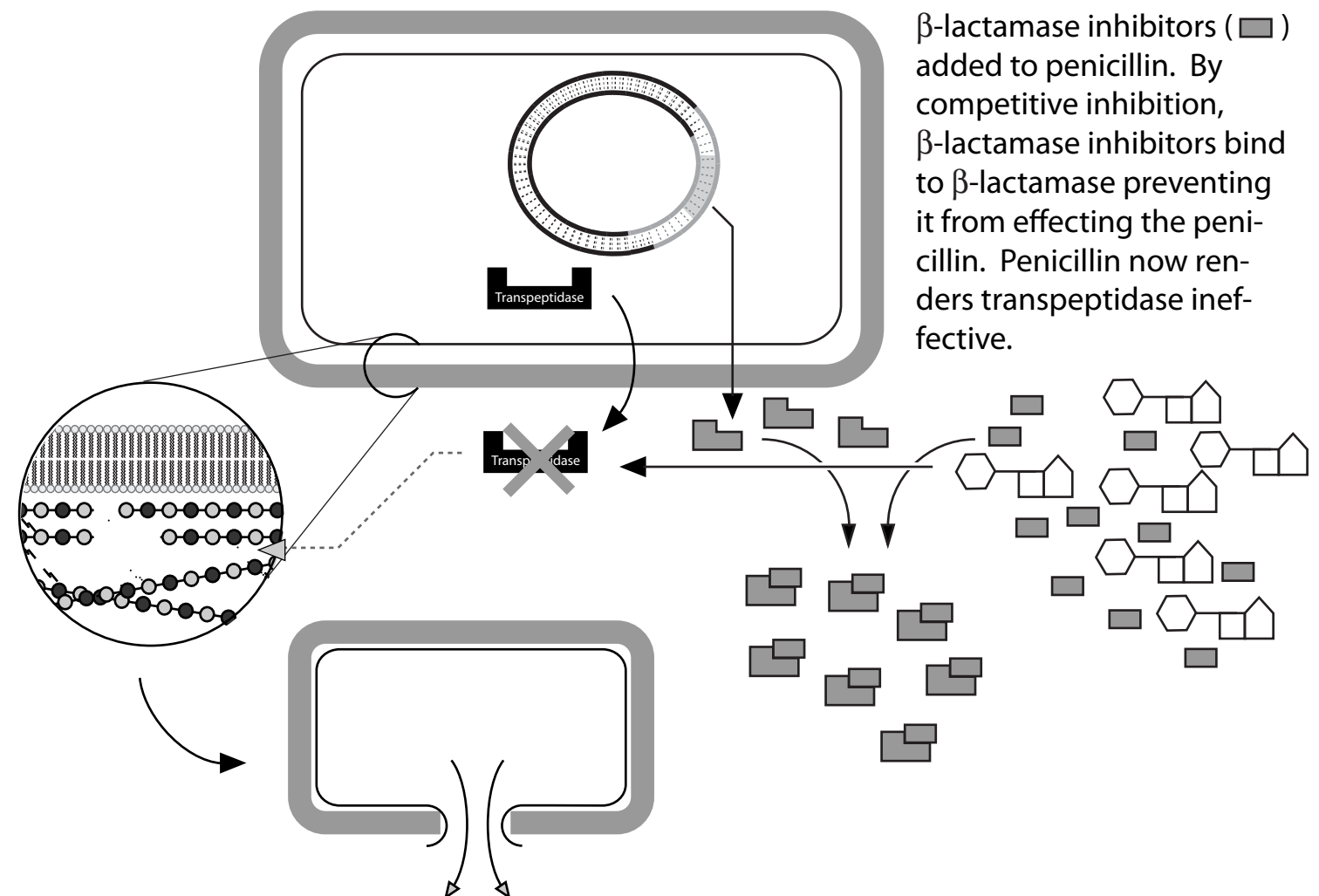
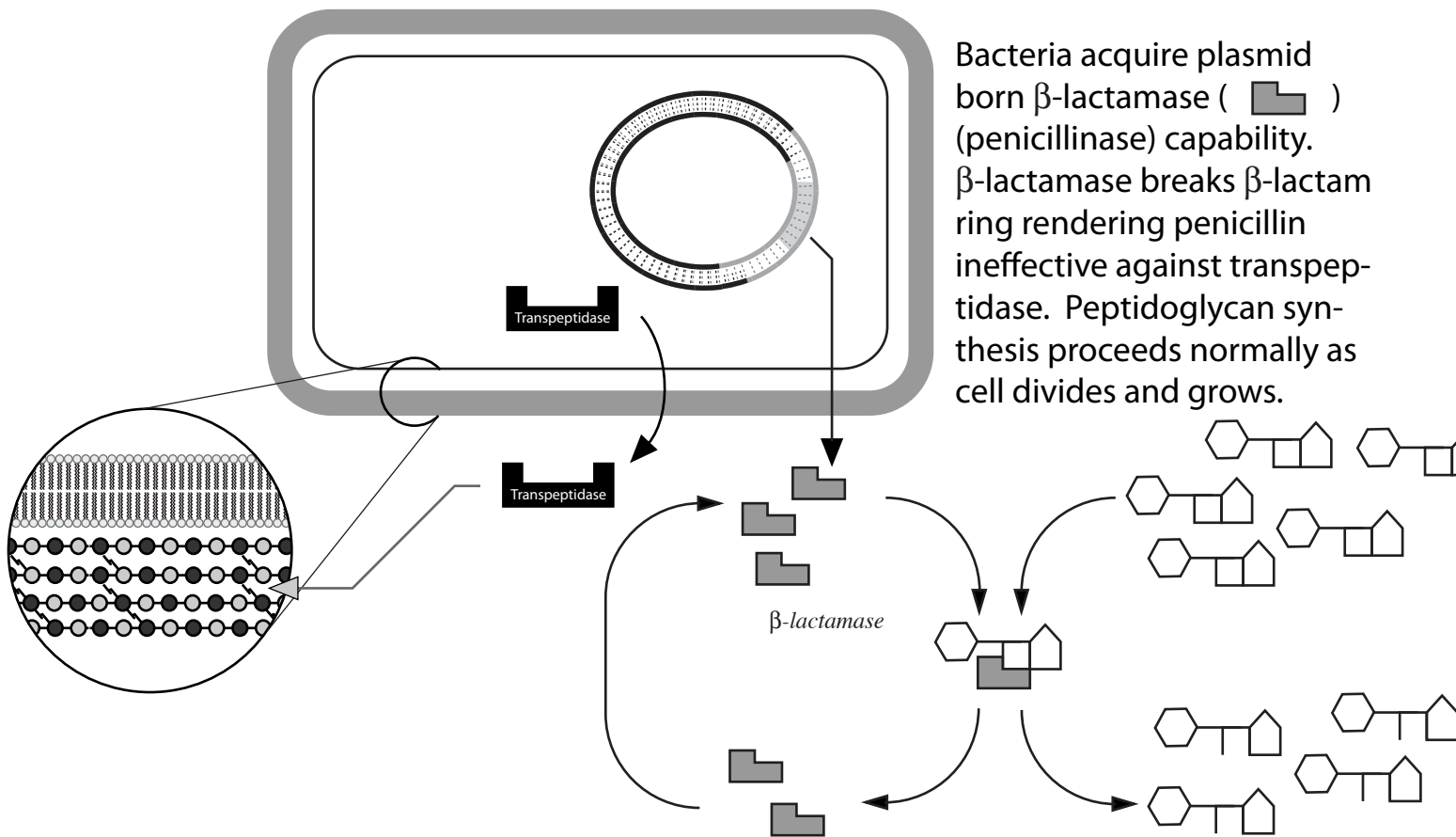


Penicillin interferes with transpeptidase. Therefore, interpeptide bridges of peptidoglycan cannot be made and the cell wall is compromised



Bacteria can no longer withstand osmotic pressures and lysis, as it divides and grows.





β -lactamase inhibitor

