Phenotypic switching
Morphology
Ubiquity
Osmotolerance
Indirect virulence factors
Physiological tolerance
Temp tolerance
factors
Growth at different pH
Chemotaxis
Drug resistance
Host factors
Contact-dependent mechanisms
↑
Ecto-ATPases
↓
Contact-independent mechanisms
Adhesion, i.e., MBP
Phagocytosis
Proteases
Phospholipases
Direct virulence factors
Contact-independent mechanisms
Host factors
Contact-dependent mechanisms