

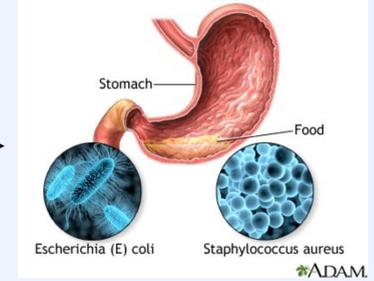
General Characteristics

Common inhabitant of the skin and mucous membranes

Spherical cells arranged in irregular clusters

Produces many virulence factors

Food poisoning



Localized infections (abscess formation)



Diseases

Spreading infections

Necrotizing infections

Systemic infections (osteomyelitis)



Coagulase

(+) coagulase

S.aureus

Frequently involved in nosocomial and opportunistic infections

(-) coagulase

S. saprophyticus

S. epidermidis – lives on skin and mucous membranes; endocarditis, bacteremia, UTI

S. saprophyticus – infrequently lives on skin, intestine, vagina; UTI

(+) catalase aureus

Positive gram cocci

pneumoniae (diplococci)