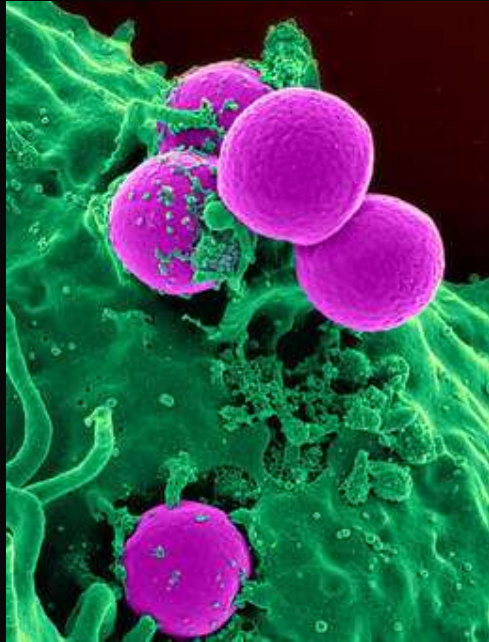


The Gram-Positive Cocci



Staphylococci

Associate Professor Dr.Salman Atshan

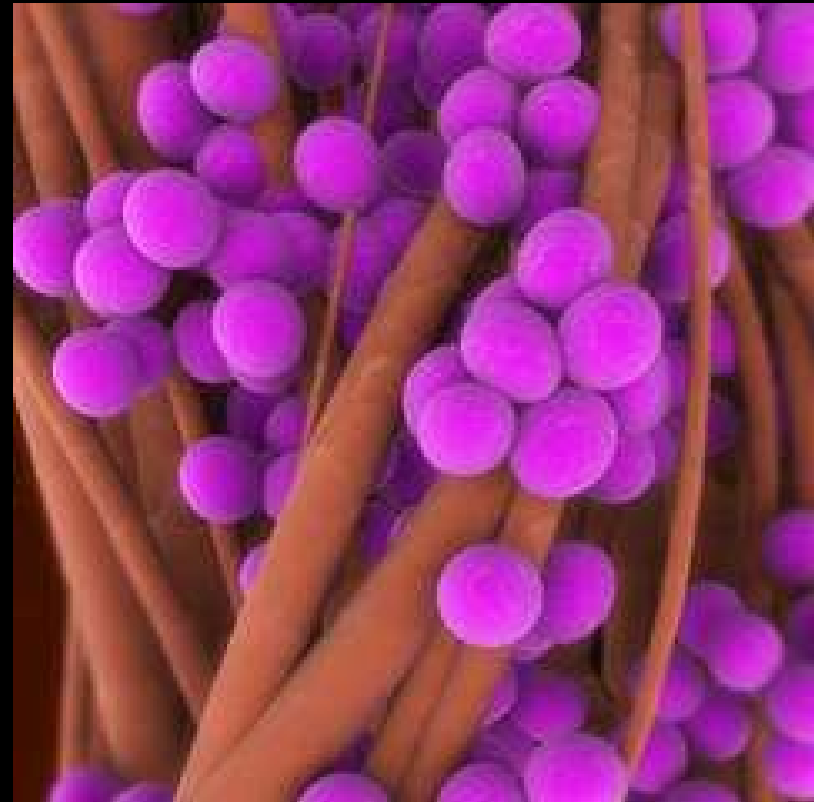
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Staphylococci

- Family: Micrococcaceae
- Genus:
 - *Staphylococcus*- derived from Greek “stapyle” (bunch of grapes) divide along multiple axes and generate grape-like clusters of cells.)
 - Include major human pathogen and skin commensals
 - *Micrococcus*- skin commensal



Staphylococci

General Characteristics

- Common inhabitant of the skin and mucous membranes
- Gram-positive cocci, appear as singles, pairs, or occur in grape like clusters
- Non motile
- Non-spore-forming
- Catalase-producing
- Oxidase negative
- Glucose fermenters
- Primarily aerobic, some facultatively anaerobic
- Lack flagella
- May have capsules
- 33 species
- 15 species associated with humans

