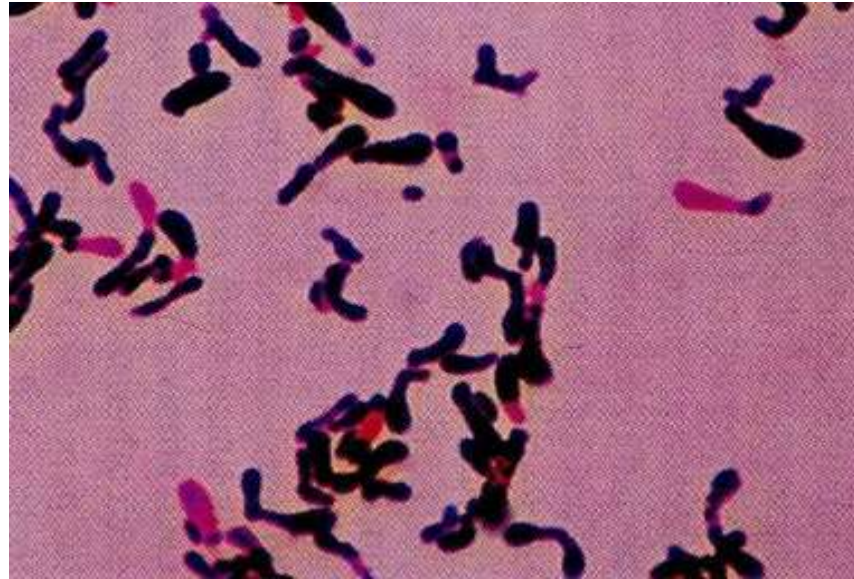


# Corynebacterium



Dr.Salman Atshan

Medical Microbiology/bacteriology

Salmanatshan@yahoo.com

H/P 07816956225

# Corynebacterium

## Classification

- *Corynebacterium diphtheriae* and diphtheroids (look like *C. diphtheriae*)
- Gram- positive club shaped rods.
- Some are saprophytic
- Some produce disease in animals.
- *C. diphtheriae* is the most important pathogen in the group.
- *Corynebacterium* normally found in the throats of healthy carriers.
- The organism infects only man and it has a limited capacity to invade.

# Corynebacterium Species

- Non-Lipophilic

- *Corynebacterium diphtheriae*
- *Corynebacterium amycolatum*
- *Corynebacterium striatum*
- *Corynebacterium pseudodiphtheriticum*

- Lipophilic

- *Corynebacterium jeikeium*
- *Corynebacterium urealyticum*