CITROBACTER

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Species - C. Diversus

- C. Freundii
- C. Amalonaticus

Characteristics – gram rod

- encapsulated
- motile
- non-spore forming
- facultative anaerobic
- opportunistic pathogen
- -Urea +
- -H2S +

- Antigenic sharing with Salmonella
- Reservoirs humans (normal flora of the GI tract), animals and water
- Transmission fecal-oral, direct contact, perinatal
- contaminated food
- **Toxins** LPS
- **Diseases** neonatal meningitis and cerebral abscesses (caused primarily by *C.Diversus*)
- cystitis and renal abscesses (especially if urinary catheter, caused by all species of *Citrobacter*)
- septicemia (caused by all species of Citrobacter).
- Respiratory tract infections
- -Occasionally wound infections, osteomyelitis, endocarditis, and meningitis.
- Treatment aminoglycosides and chloramphenicol