

Pseudomonas aeruginosa

- ◆ Cause opportunistic infection
- ◆ Infect injured locations of skin & mucous membrane, eg. burn, surgical wound → purulent inflammation (blue-green pus)



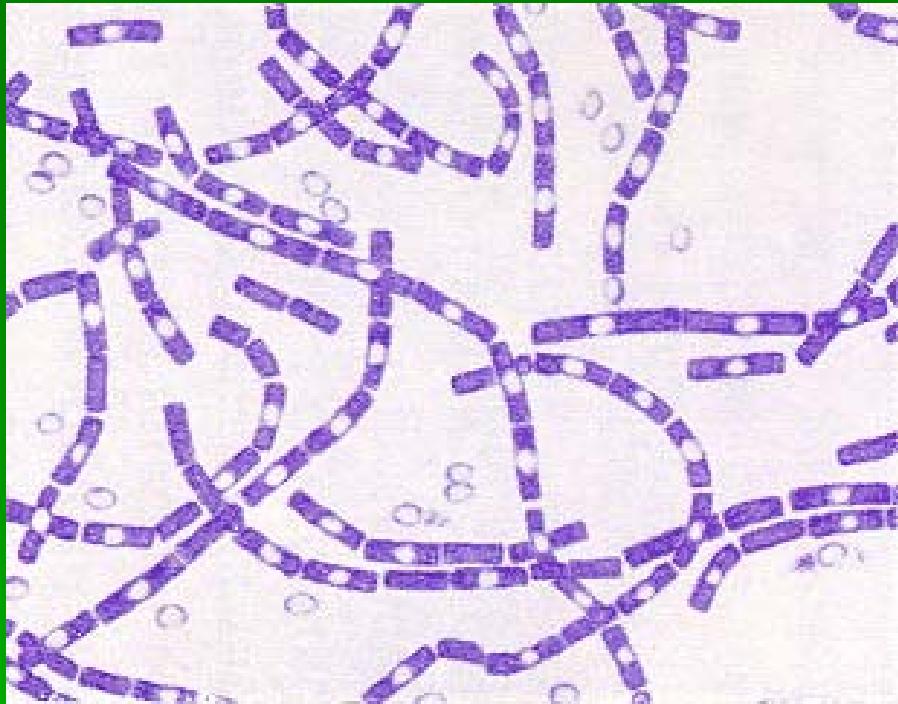
Legionella pneumophila

- Cause Legionnaires' disease
- Spread by respiratory tract
- Aerosols generated from contaminated air-conditioning systems, shower nozzle
- Intracellular bacteria



Bacillus anthracis

- G+ large rod, spore-forming
- Cause anthrax in cutaneous, pulmonary and intestinal
- Zoonotic pathogen



Bacillus anthracis

Bacillus anthracis infects mostly farm animals and is usually spread to humans through a break in the skin

A composite image featuring three photographs. On the left, two sheep are grazing in a field. In the center, a close-up shows a person's hand with a small, shallow cut on the thumb. An inset image in the upper right shows a microscopic view of orange-red, oval-shaped bacteria, likely a different type of microorganism.



Yersinia pestis

- Zoonotic pathogen, rat flea
- Cause plague

