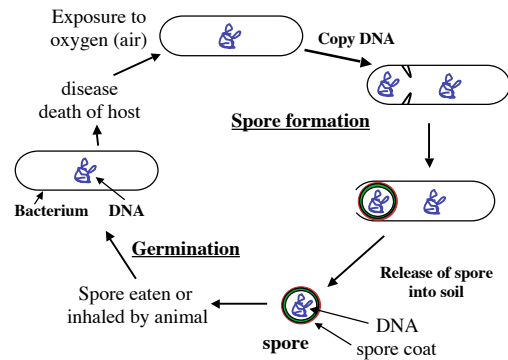


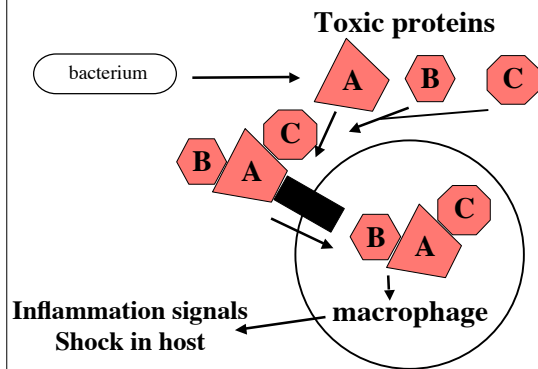
**Using genetic information to understand infectious disease outbreaks:
SARS and anthrax**

- Identifying the causative agent of severe acute respiratory syndrome (SARS)
- Case study: SARS in San Francisco?
- Where did the SARS virus come from?
- Life cycle of *Bacillus anthracis*
- What happens during anthrax infection?
- Treatment, prevention and identification of anthrax

***B. anthracis* life cycle**



Anthrax toxins wreak havoc



How we can fight anthrax attacks

- Quick diagnosis of infection
- Antibiotics within 24-48 h of exposure
- Immunization