We will be exploring principles of public health microbiology and epidemiological considerations in disease.

**Topics covered include:**

- **Structure of pathogens**
- **Host-parasite interactions**
- **Host defenses**
- **Control of Growth**
- **Virulence Mechanisms**
- **Introduction to epidemiology**
- **Mortality and morbidity stats**
- **Time, place and people**
- **Retrospective and prospective studies**
- **Emerging infectious diseases**
- **Bioterrorism**

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