

Pathogens

Pandemics

1347-1350: Bubonic plague

Killed approximately 35% of the population of Europe.

1492-1900: Small pox

Killed as much as 95% of the First Nations population of North and South America

1918: Spanish flu

Killed between 50,000,000 and 100,000,000 people worldwide

Present: Malaria

Kills over 500,000 per year

Present: HIV/AIDS

Kills more than 1,500,000 per year

Humor Theory of Disease

Blood

Yellow bile

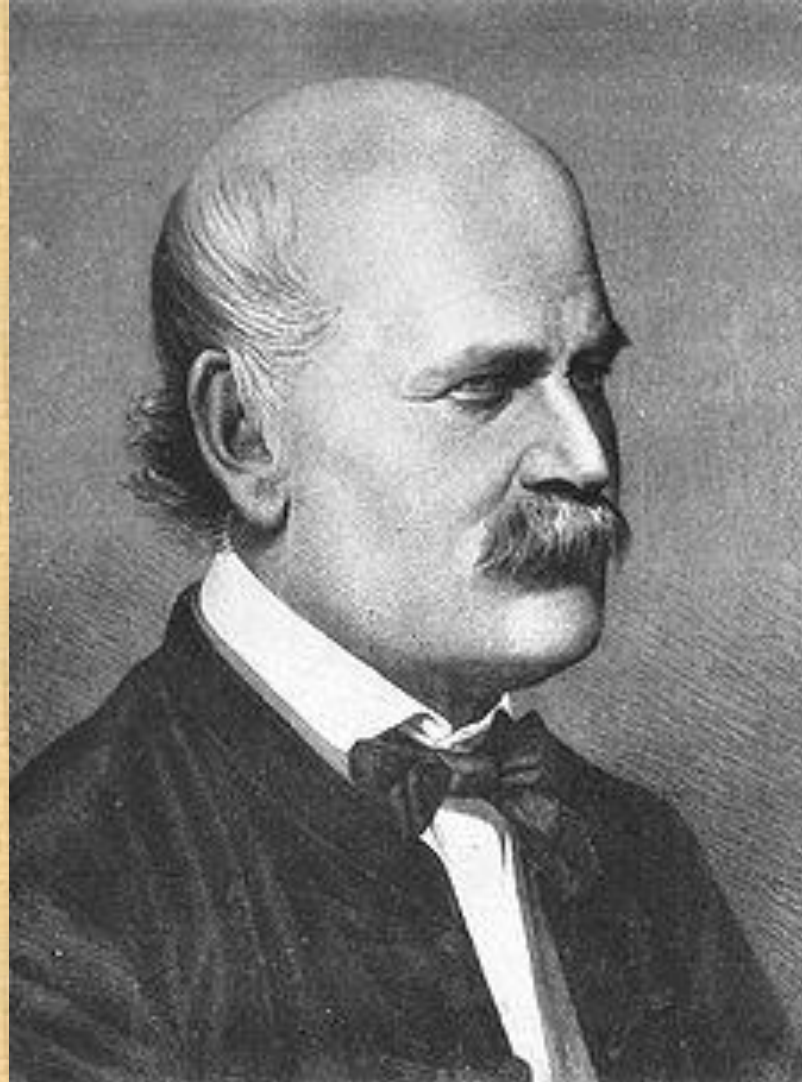
Black bile

Phlegm

Treatment

- Leeches
- Inducing vomiting
- Eating special diet
- Herbs
- Avoid bad air

Ignaz Semmelweis

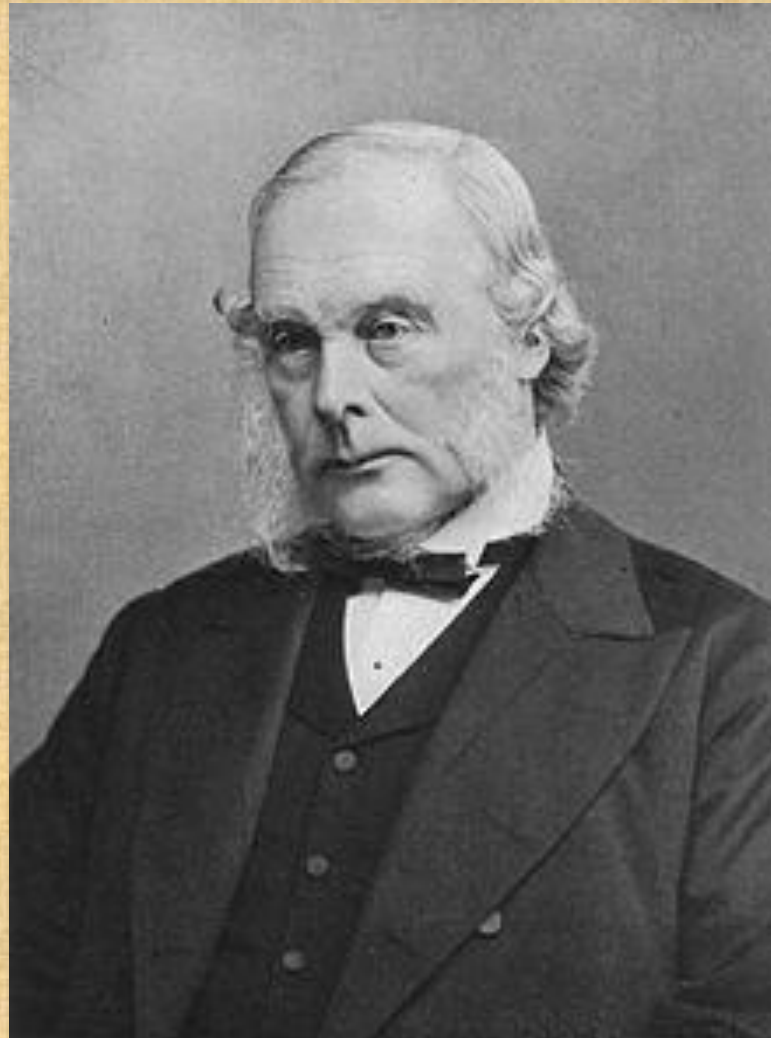


Doctors' Ward

Midwives' Ward

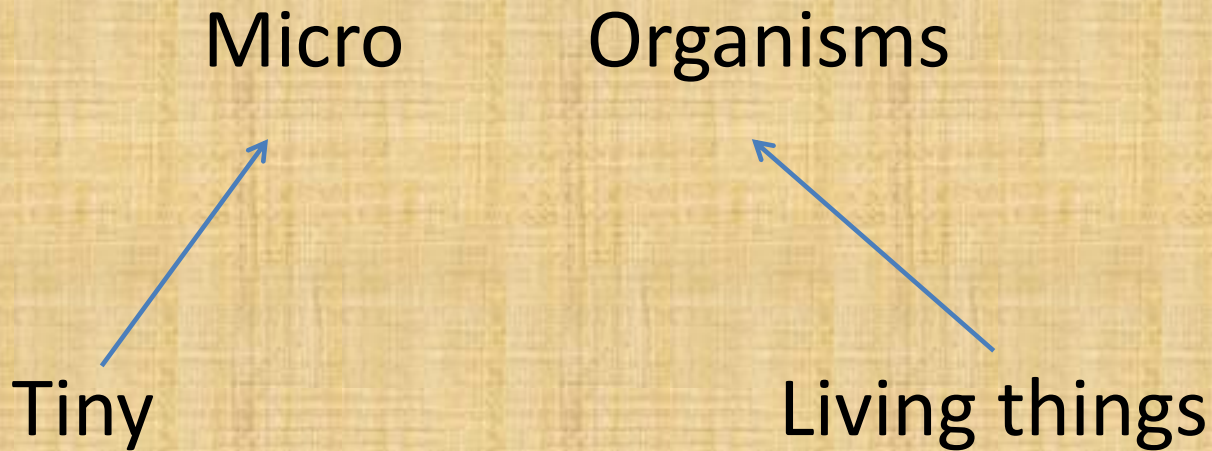
1841	6.3%	4.0%
1842	9.2%	4.7%
1843	6.9%	5.1%
1844	8.6%	3.7%
1845	8.1%	3.2%
1846	6.7%	2.5%

Joseph Lister



Germ Theory of Disease

Many diseases are caused by microorganisms.



These are called **pathogens**