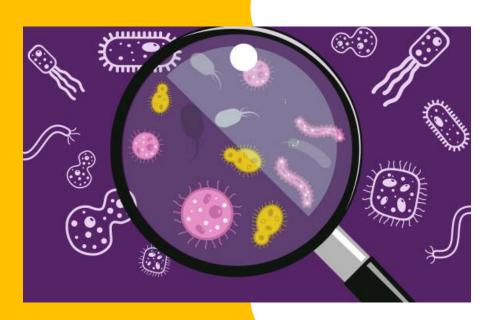
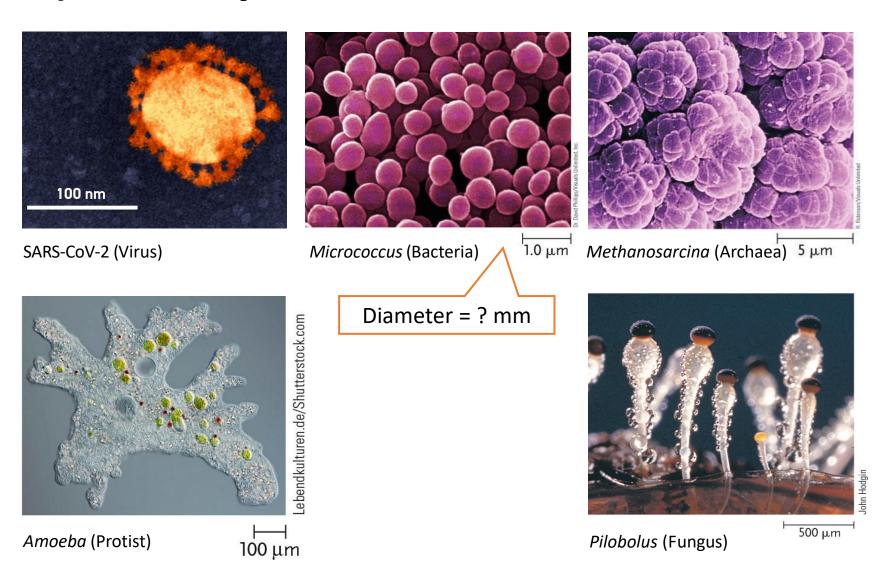
EPGL – B201 Introduction to Microbiology: Germs or Gems?

Dr. Amy Li



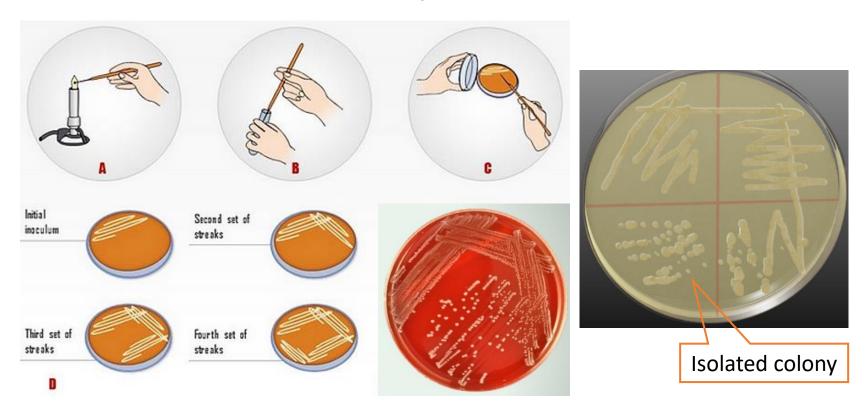
1) Diversity of microbes



2) Practical skills

Streak plate method

- For liquid or solid sample with various concentrations
- Sterilize & cool the inoculation loop between streaks



3) Pathogenic microbes

- An ascomycete that mainly reproduces asexually
- A major dermatophyte that infects keratinized tissues
- Causes nail discoloration, thickening & separation







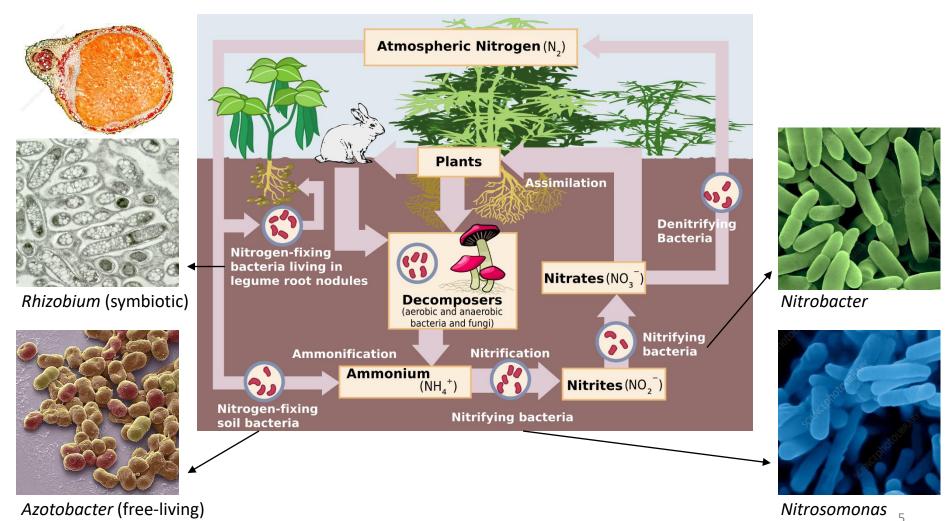


Microconidia Macroconidia



4) Useful Application

Increase soil fertility by increasing nutrient availability



5) COVID-19

- Severe acute respiratory syndrome coronavirus 2
- Belongs to Betacoronavirus
- Enveloped virus with a positive-sense ssRNA genome

