Welcome to Bio 11

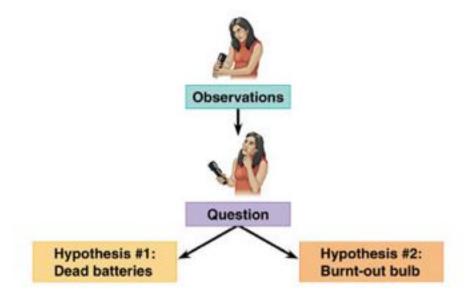
Fall 2007

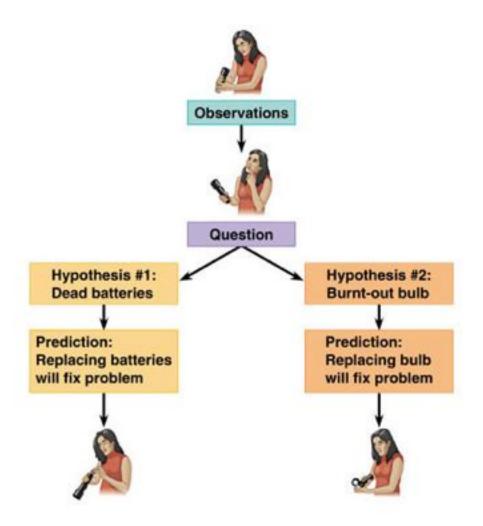
Introductions

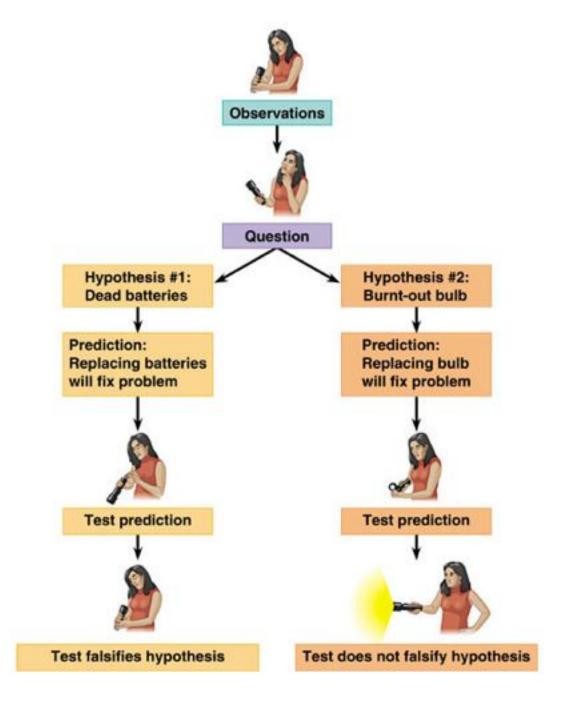
Go over the syllabus
What topics will we cover
What is the grading scheme like
Miss classes and late work.
Learning objectives.

Introduction to the topic of Biology

- What is the scientific method?
- Why should you care?
- Who was Pasteur?





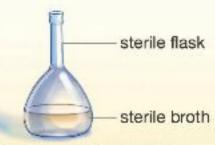


Introduction to the topic of Biology

- What is the scientific method?
- Why should you care?
- Who was Pasteur?

Scientific method at work: Pasteur tests "spontaneous generation"

Observation:



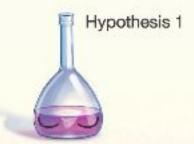
When you start with a sterile flask of sterile meat broth. . .



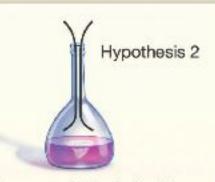
... a growth of new living material generally appears in the broth.

Question: What is the source of the living material?

Hypothesis:

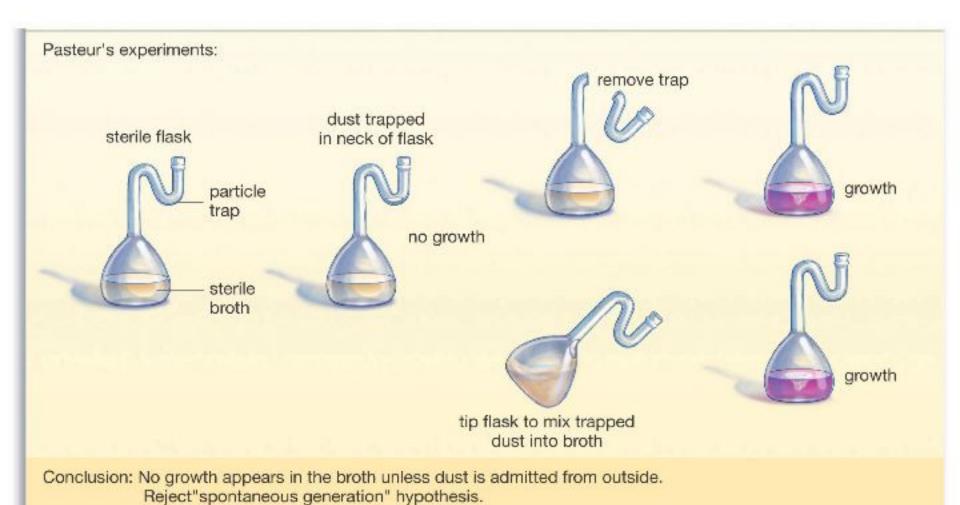


The living material is derived from nonliving material "spontaneous generation".



The living material is derived from living material outside of the flask.

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Laboratory Safety

Why study biology?

