

Chapter 8-1: Energy & Life

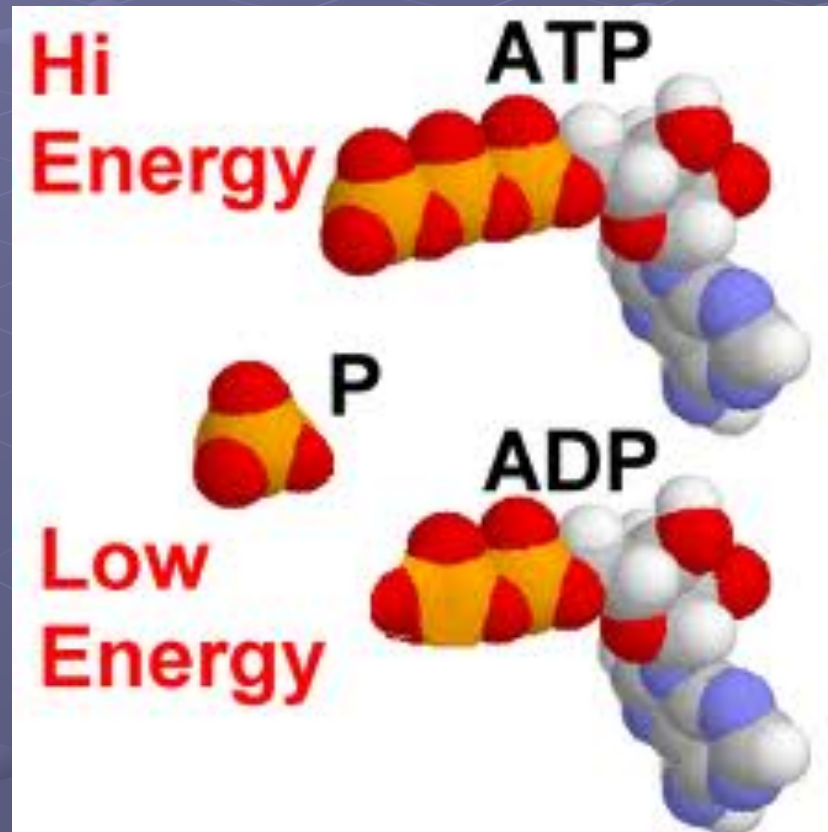
Essential Questions:

- Where do plants get energy to produce food?
- What is the role of ATP in cell activities?

- Autotrophs vs. heterotroph



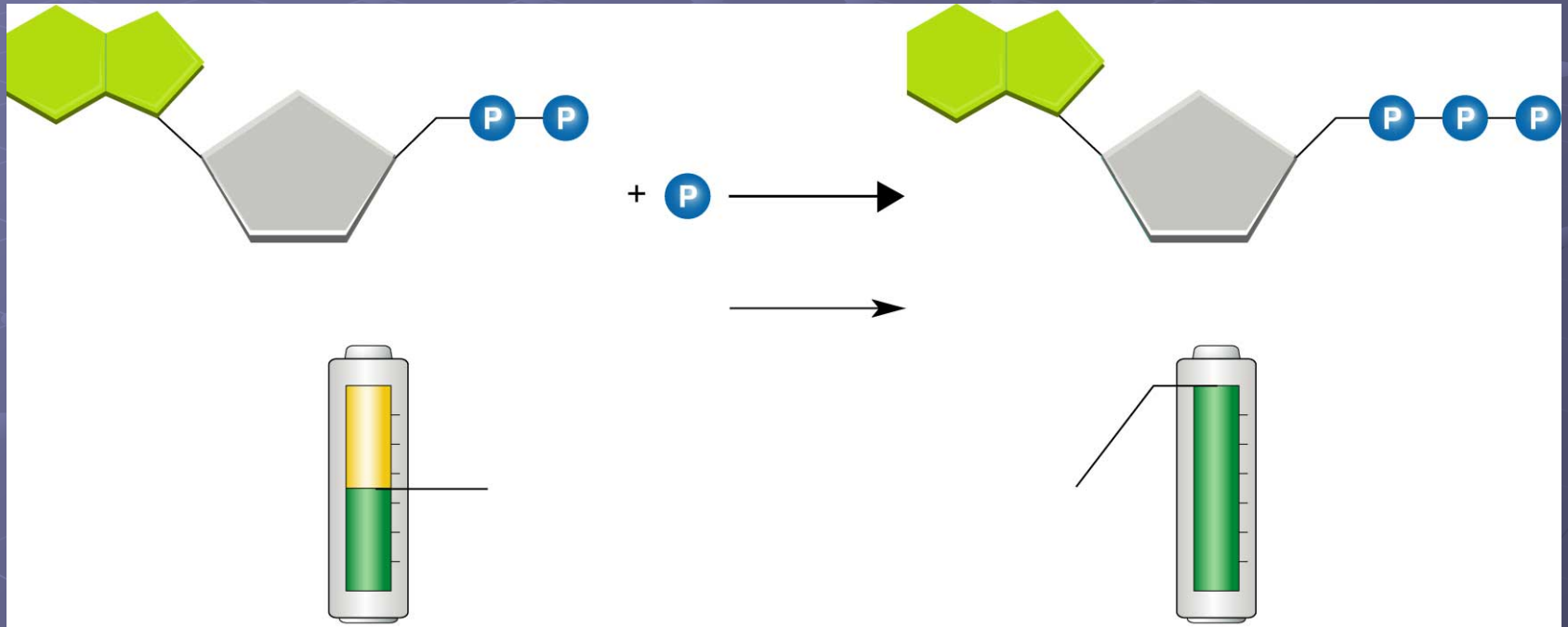
● Chemical energy & ATP



■ Releasing energy from ATP

Adenosine diphosphate (ADP) + Phosphate

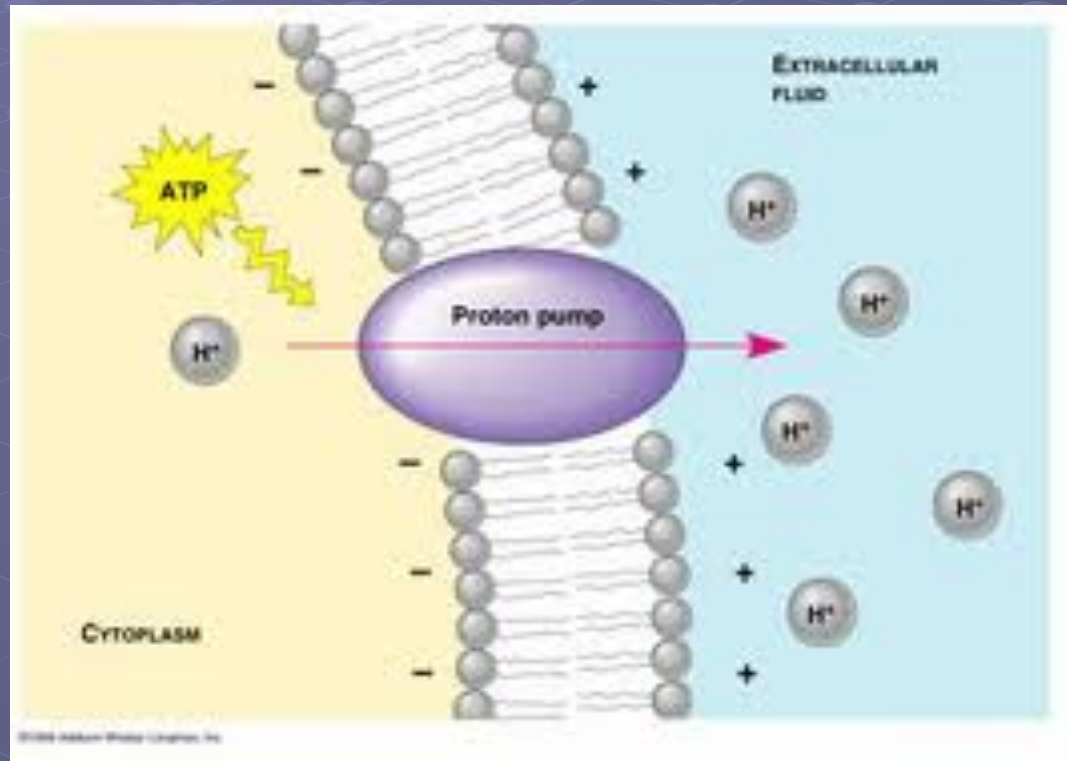
Adenosine triphosphate (ATP)



Partially
charged
battery

Fully
charged
battery

- Using biochemical energy



● ATP & glucose

- ATP – short term, small amt
- Glucose – long term, lg amt

