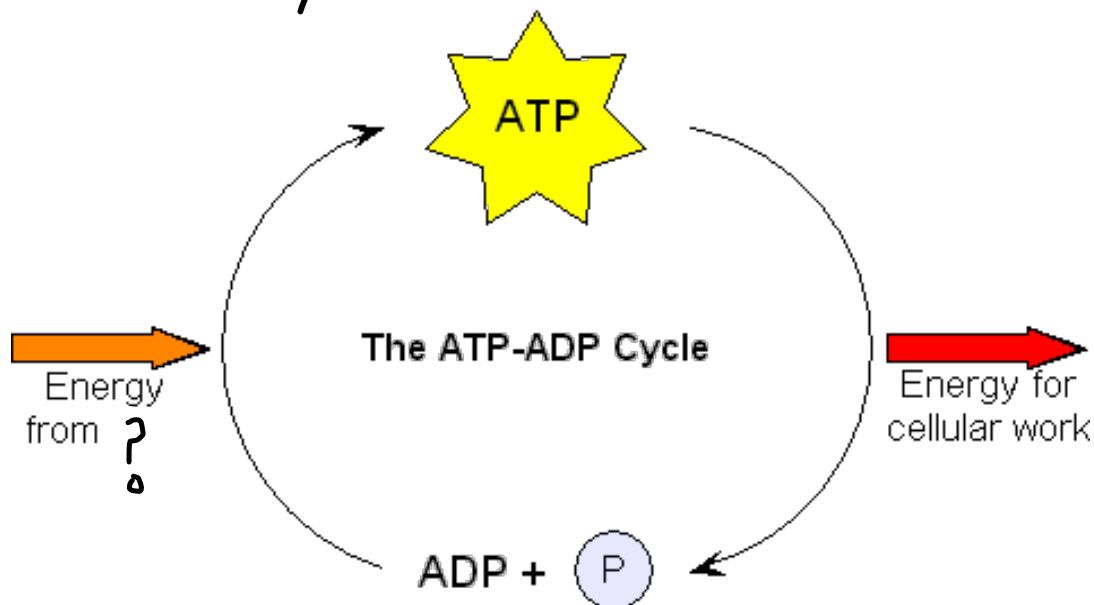


All organisms NEED some source of energy to power ATP cycle



where that energy comes from depends on the type of organism

8.1: Energy and Life

> "Auto" = self.

"Troph" = energy

> "Hetero" = different

"Troph" = energy

Autotrophs

Heterotrophs

Do not consume
other organisms
to get energy!
"primary producers"

Consume other
organisms to get
energy!
"consumers"

Types of Autotrophs

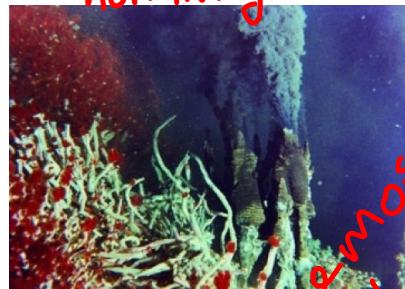
- > "Photo" = light
 - > "Chemo" = chemical
- Photosynthesis

make energy from light!



- "Synthesis" = making
 - "Synthesis" = making
- Chemosynthesis

make energy from inorganic chemicals, non-living



chemosynthetic bacteria