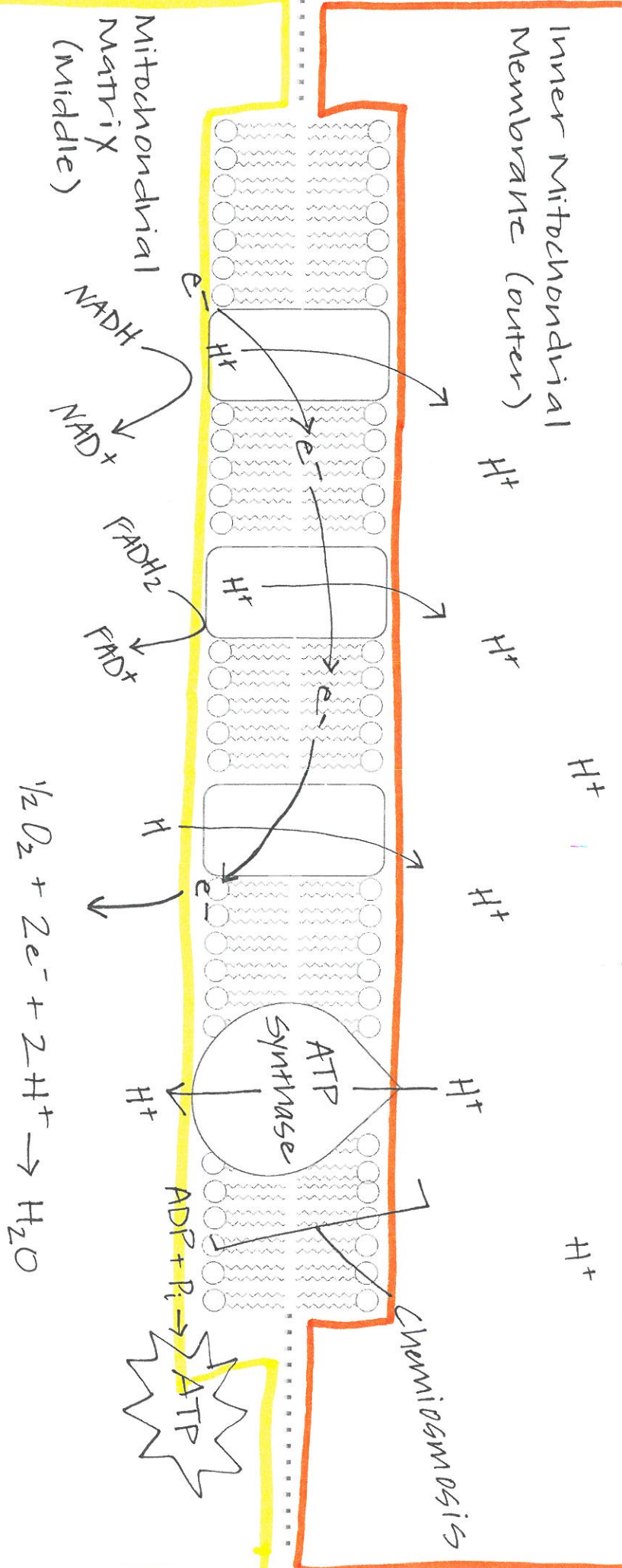


# Electron Transport Chain:



## Redox Reactions:

LEO the lion says GER

lose  $e^-$  oxidation

gain  $e^-$  reduction

ex:  $NADH \rightarrow NAD^+$  = oxidation

lost  $e^-$

ex:  $FAD^+ \rightarrow FADH_2$  = reduction

gain  $e^-$

- oxidative phosphorylation =  $e^-$  transport chain (combination of oxidative rxns & chemiosmosis)
- substrate level phosphorylation = glycolysis, citric acid cycle, ferm.

