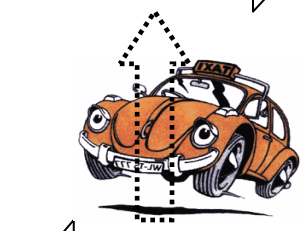
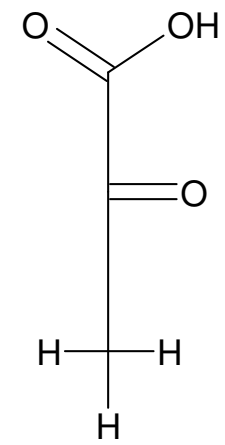


Oxidation **ATP**



Reduktion



Citratzyklus:
 Pyruvat \rightarrow $\text{CO}_2 + \text{H}^+ + \text{e}^-$

zur oxidativen Phosphorylierung

Umleitung

$$\begin{array}{c}
 \text{O}_2 \\
 + \\
 4 \text{e}^- \\
 + \\
 4 \text{H}^+ \\
 \hline
 2 \text{H}_2\text{O} \\
 \hline
 \text{ADP} \\
 + \\
 \text{PO}_4^{3-} \\
 \downarrow \\
 \text{ATP}
 \end{array}$$
