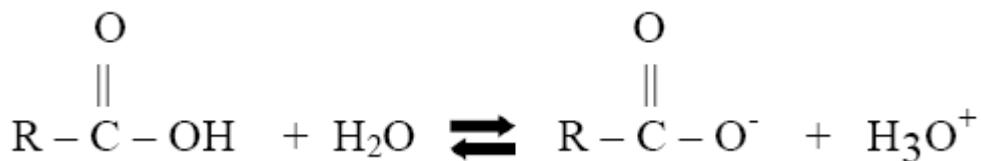
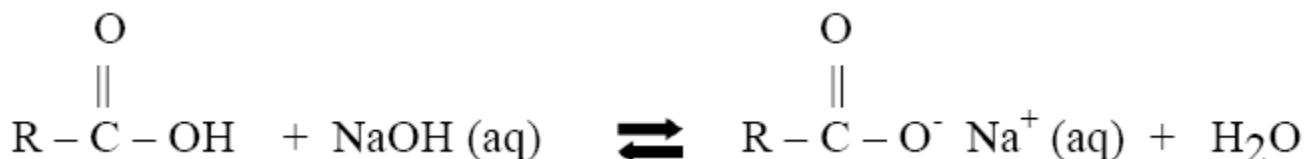


## Summary of Reactions of Carboxylic Acids:

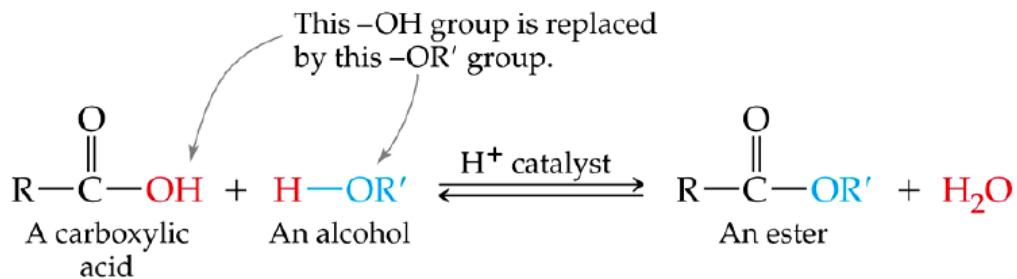
### 1) Reaction with water:



### 2) Neutralization (reaction with $\text{OH}^-$ ):



### 3) Esterification (reaction with alcohol):



### 4) Decarboxylation:

