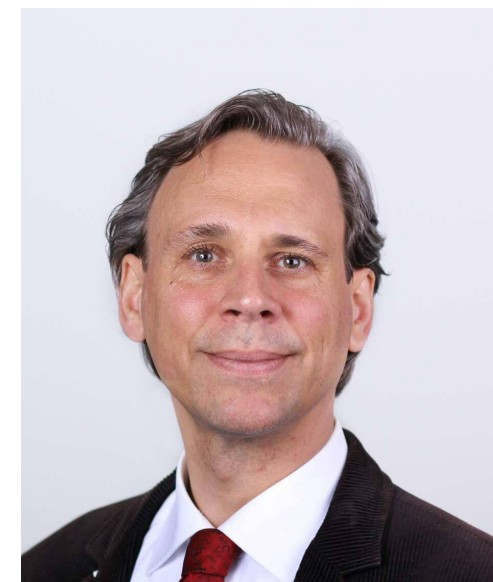
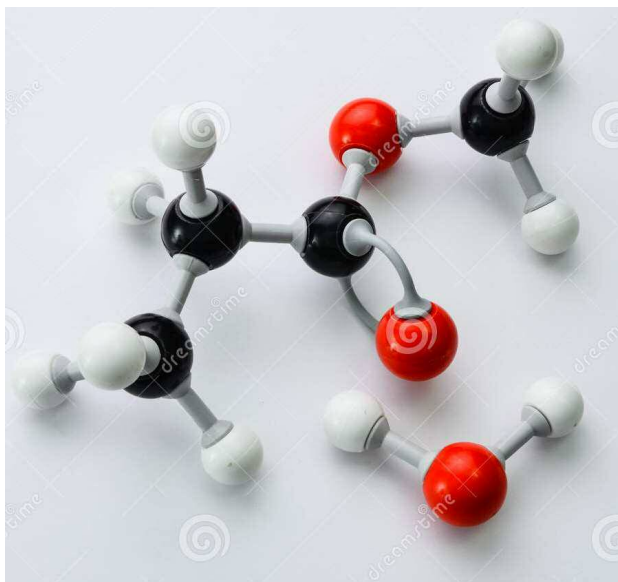


Einführung in die Organische Chemie

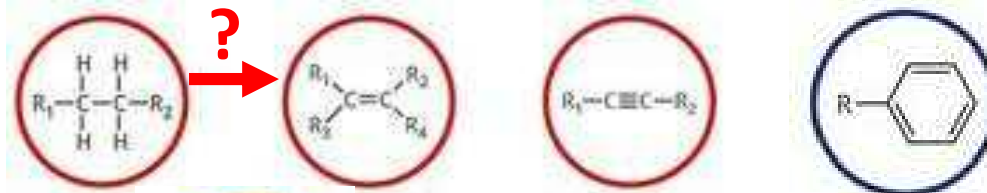


Prof. S. Schlücker

1. Funktionelle Gruppen: Übersicht Stoff-Vielfalt
- 2. Reaktionstypen: Übersicht Transformations-Vielfalt**
3. Reaktionsmechanismen: Das passiert im Detail

VON 1. Funktionelle Gruppen ZU 2. Reaktionstypen

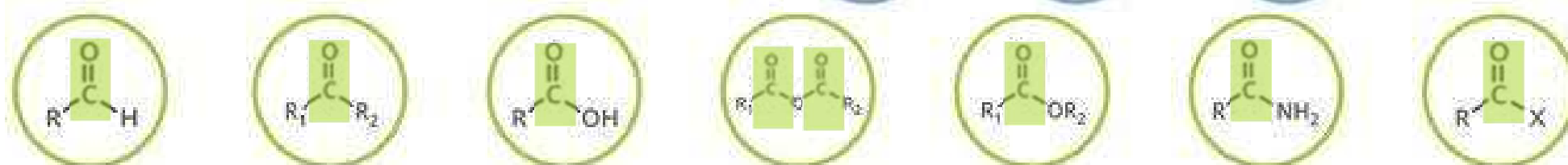
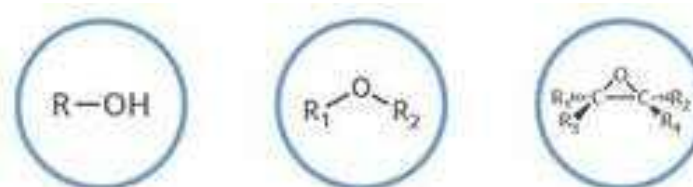
Kohlenwasserstoffe (CH)



Halogenverbindungen (CH+X)



Sauerstoffverbindungen (CH+O)



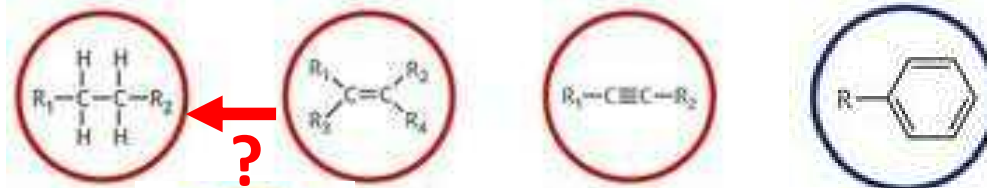
Carbonylverbindungen

Stickstoffverbindungen (CH+N)



VON 1. Funktionelle Gruppen ZU 2. Reaktionstypen

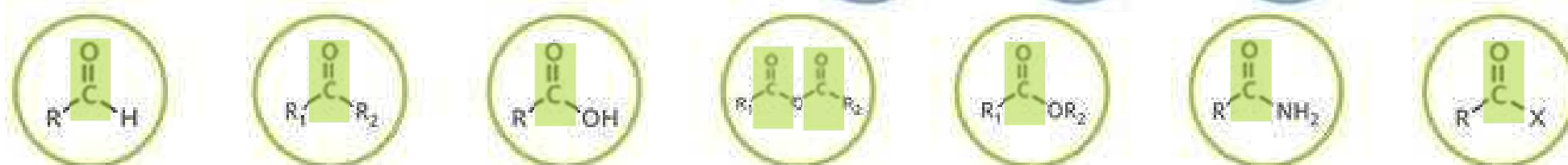
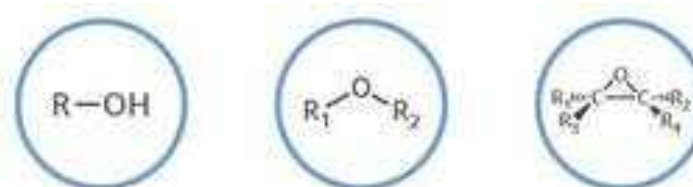
Kohlenwasserstoffe (CH)



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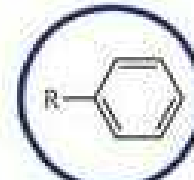
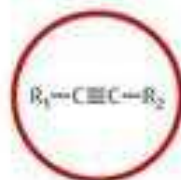
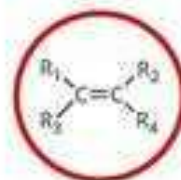
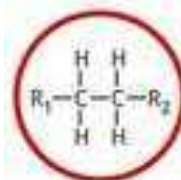
Carbonylverbindungen

Stickstoffverbindungen (CH+N)

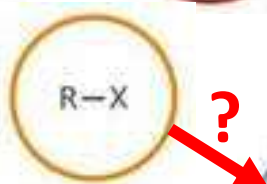


VON 1. Funktionelle Gruppen ZU 2. Reaktionstypen

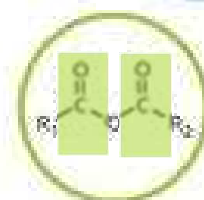
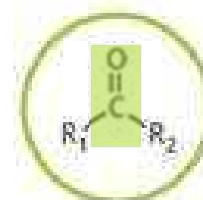
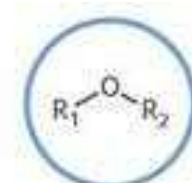
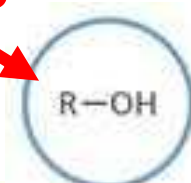
Kohlenwasserstoffe (CH)



Halogenverbindungen (CH+X)



Sauerstoffverbindungen (CH+O)



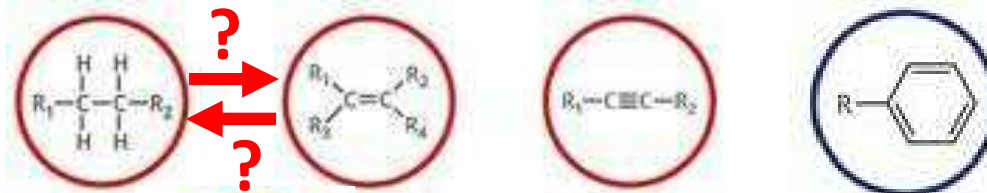
Carbonylverbindungen

Stickstoffverbindungen (CH+N)

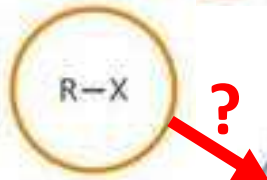


VON 1. Funktionelle Gruppen ZU 2. Reaktionstypen

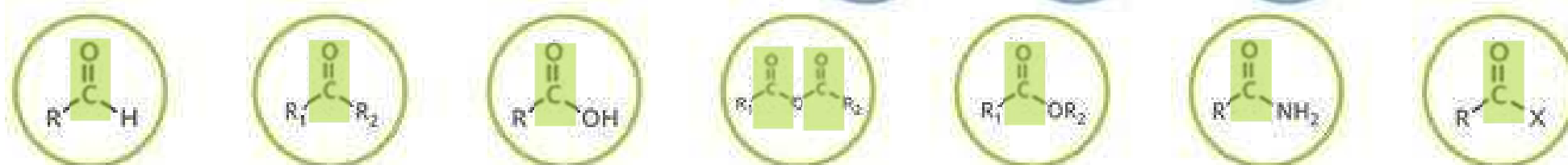
Kohlenwasserstoffe (CH)



Halogenverbindungen (CH+X)



Sauerstoffverbindungen (CH+O)



Carbonylverbindungen

Stickstoffverbindungen (CH+N)



2. Reaktionstypen: Drei ganz wichtige Typen

Addition (+)



Eliminierung (-)



Substitution (+/-)



2. Reaktionstypen: Drei ganz wichtige Typen



Addition (+)



Eliminierung (-)



Substitution (+/-)



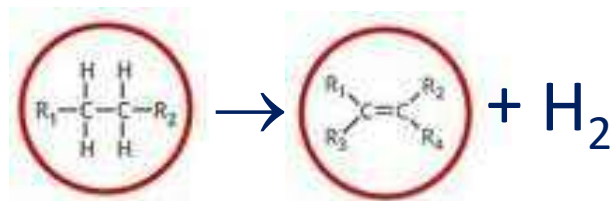
2. Reaktionstypen: Drei ganz wichtige Typen



Addition (+)



Eliminierung (-)



Substitution (+/-)

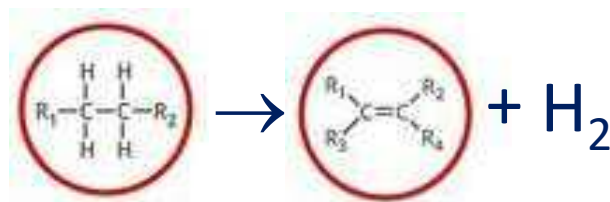


2. Reaktionstypen: Drei ganz wichtige Typen

Addition (+)



Eliminierung (-)



Substitution (+/-)



2. Reaktionstypen: Drei ganz wichtige Typen



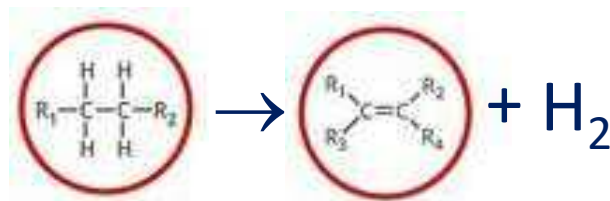
Addition (+)



Eliminierung (-)



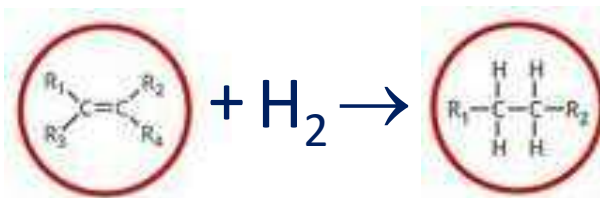
Substitution (+/-)



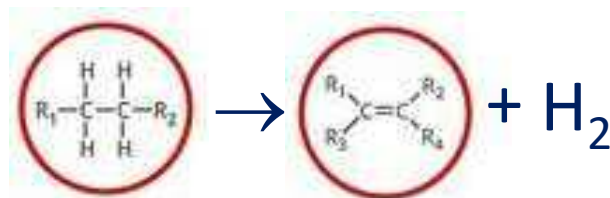
2. Reaktionstypen: Drei ganz wichtige Typen



Addition (+)



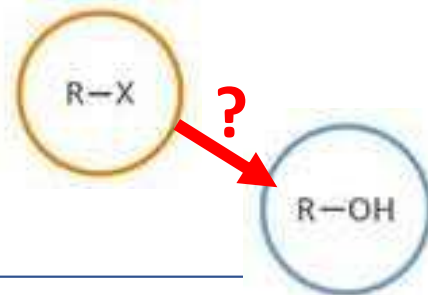
Eliminierung (-)



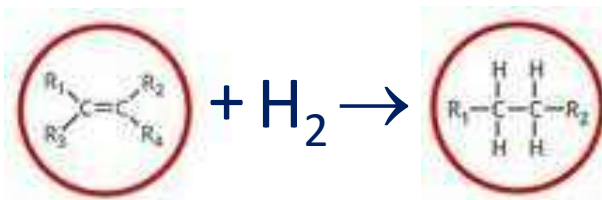
Substitution (+/-)



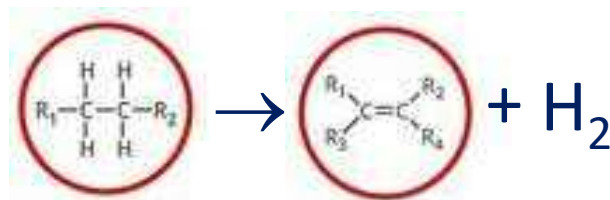
2. Reaktionstypen: Drei ganz wichtige Typen



Addition (+)



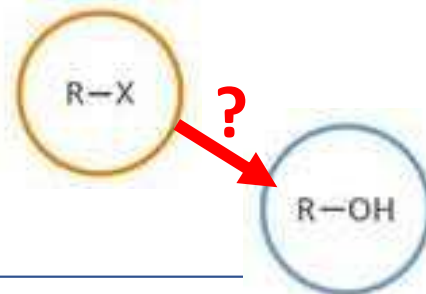
Eliminierung (-)



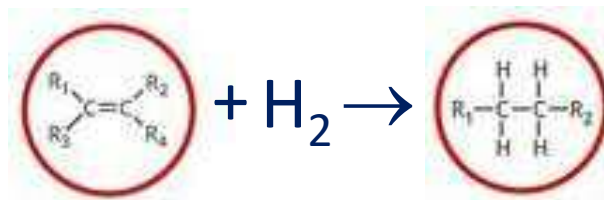
Substitution (+/-)



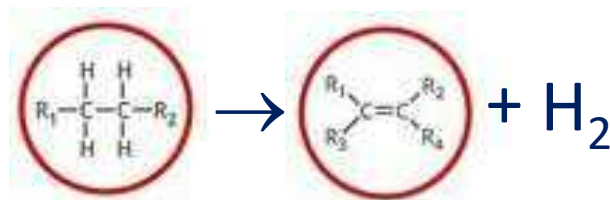
2. Reaktionstypen: Drei ganz wichtige Typen



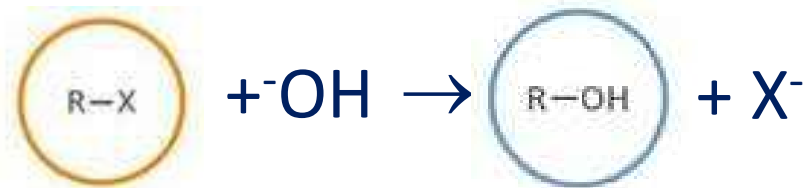
Addition (+)



Eliminierung (-)

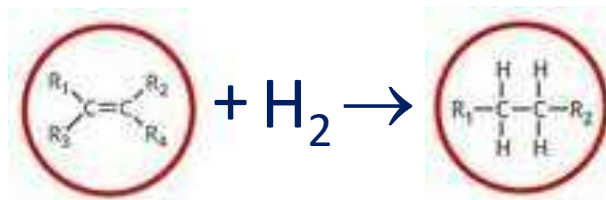


Substitution (+/-)

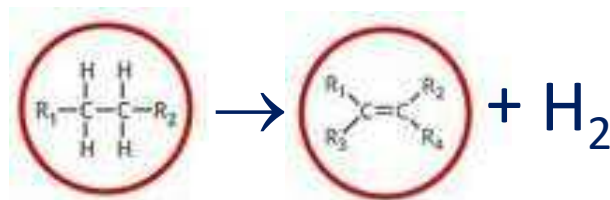


2. Reaktionstypen: Drei ganz wichtige Typen

Addition (+)



Eliminierung (-)



Substitution (+/-)

