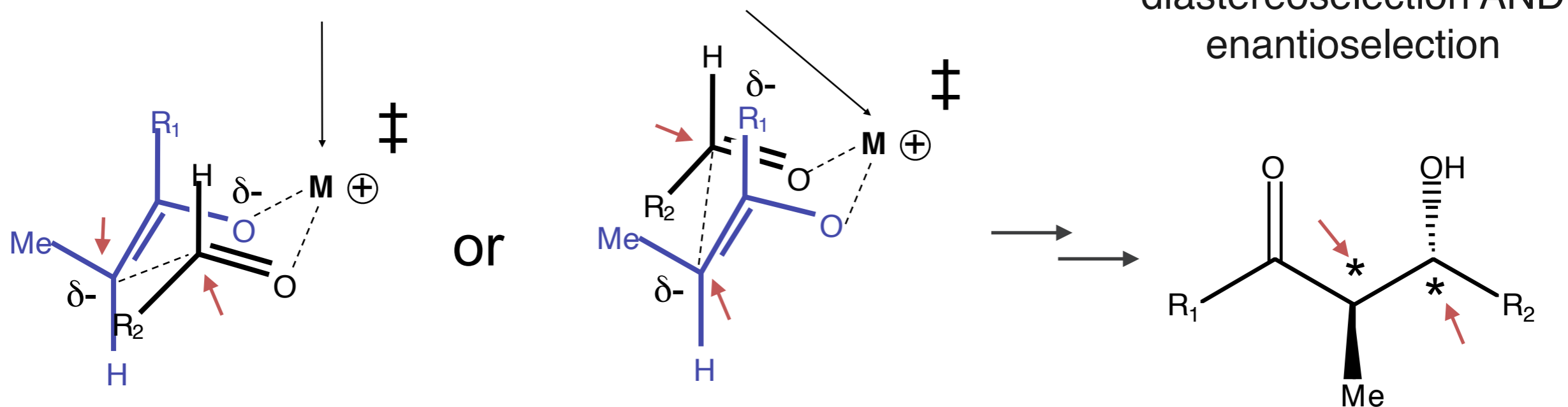


# Enantiomeric Zimmerman-Traxler Transition States

- both are diastereomerically favored  
Counterion (e.g.  $\text{Li}^+$ )



Attack on **Si** face  
Favored

Attack on the **Re** face  
Disfavored (mirror image). How ?

Major Enantiomer

- Requires a **chiral molecular environment**