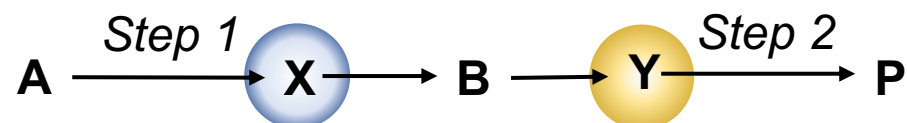
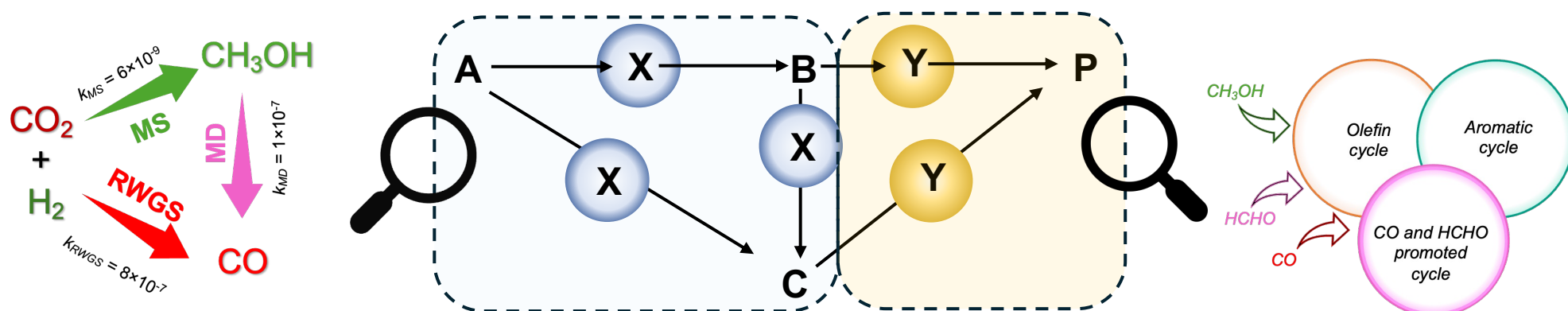


Literature: Views tandem reactions as sequential reaction steps

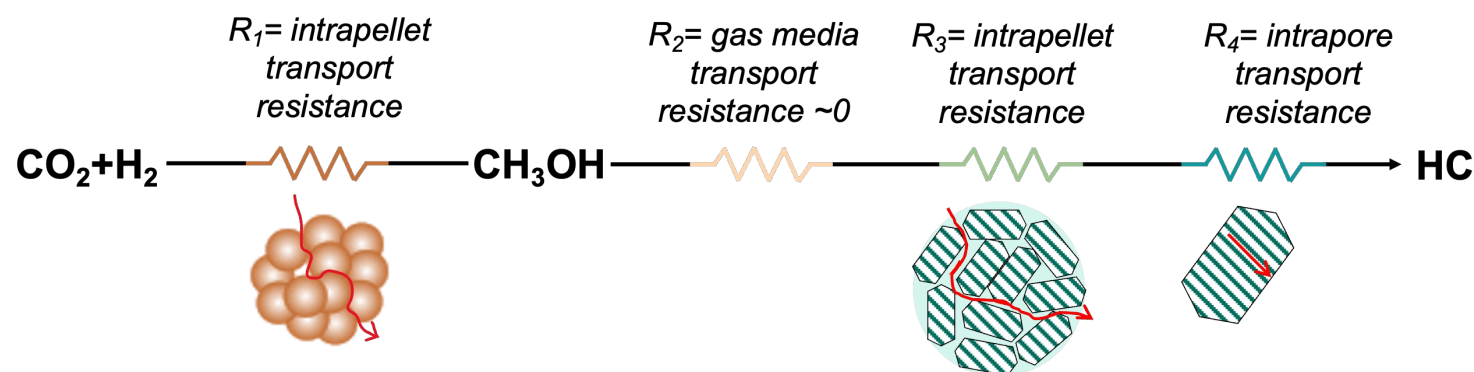


Our work: Connects molecular nuances, reaction networks, transport processes, and process-scale performance

1. Molecular scale: Influences of different active sites on the individual reaction networks



2. Reactor scale: Transport processes in each element govern the observed reaction rates



3. Process scale: Implications of transport governed rates and selectivity at plant scale

