

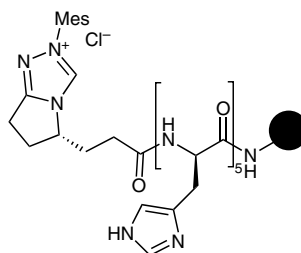
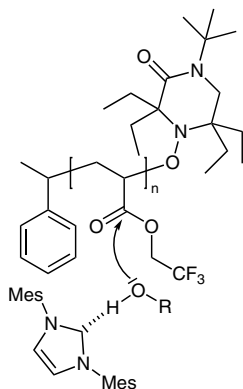
# Cluster

Tomislav Rovis  
Editor of the Carbene Catalysis Cluster  
Colorado State University

N-heterocyclic carbenes have had such a wide-ranging impact that they now hold a central place in every chemist's toolbox, as modifying ligands on metals and as organocatalysts. This Cluster highlights some recent contributions from prominent players in the field.



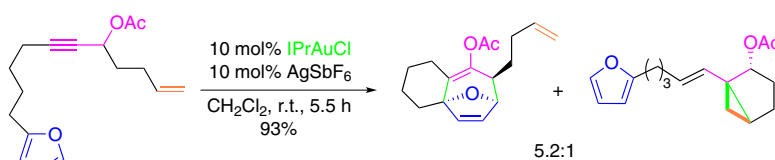
A. Studer



J. W. Bode



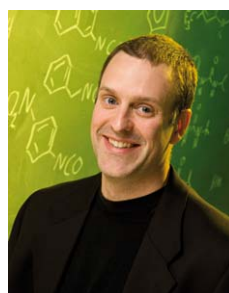
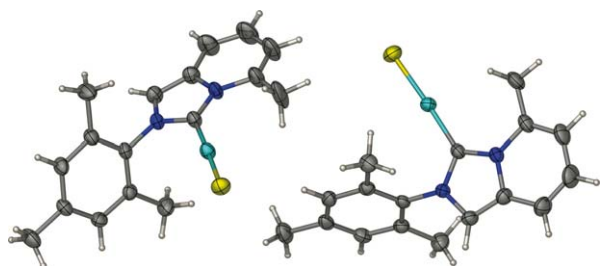
B. W. Gung



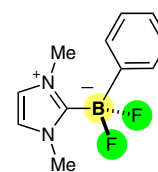
## Carbene Catalysis



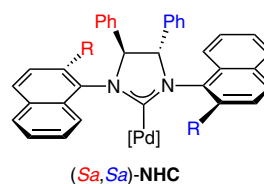
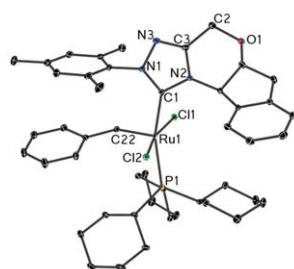
E. Lacôte



D. T. McQuade



K. Grela



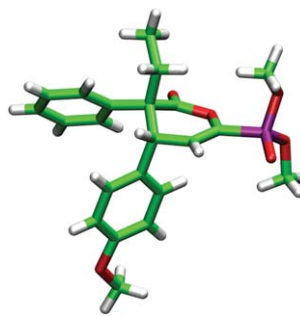
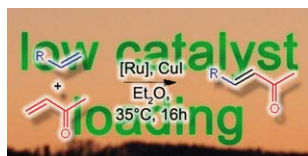
(*Sa,Sa*)-NHC



R. Dorta



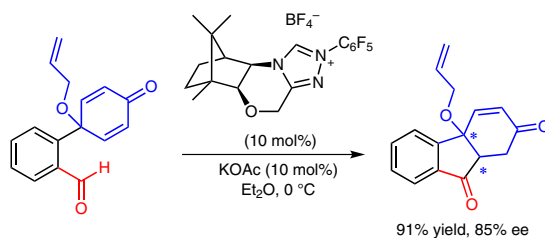
C. Slugovc



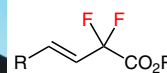
A. D. Smith



S.-L. You



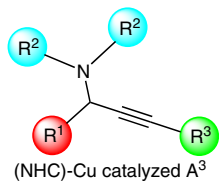
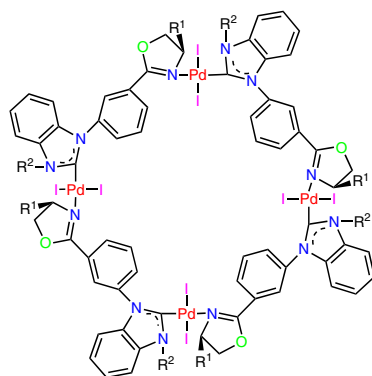
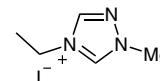
J. Sun



## Carbene Catalysis



O. Navarro

(NHC)-Cu catalyzed A<sup>3</sup>R<sup>1</sup> = Ph, Bn  
R<sup>2</sup> = Me, *i*-Pr

S. J. Connon

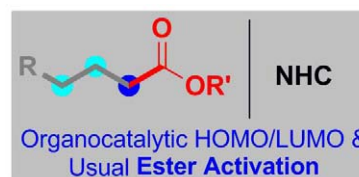
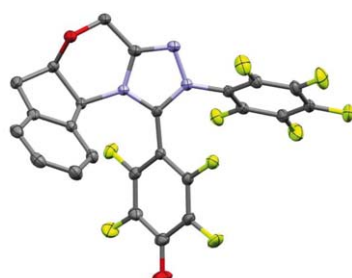


M. Shi

Q. Xu



T. Rovis



Y. R. Chi