

# Catalytic Multicomponent Vicinal Difunctionalization of Alkenes

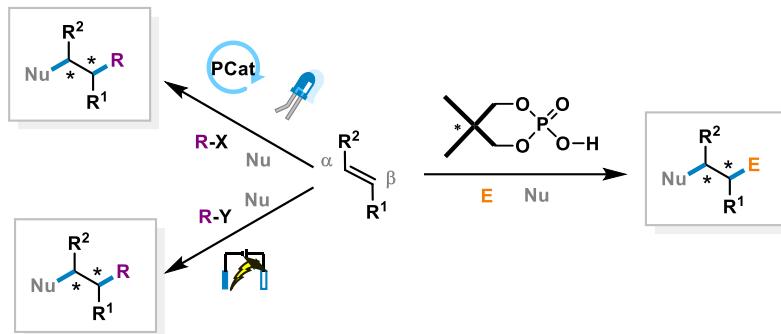
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The vicinal difunctionalizations of alkenes *via* multicomponent reactions are formidable strategies to construct highly functionalized building blocks.

In this conference, we will present our recent contributions in the development of difunctionalization reactions using asymmetric organocatalysis,<sup>[1]</sup> photoredox catalysis<sup>[1,2]</sup> and electrochemistry.<sup>[3]</sup>



## References

- [1] B Bouchet, D.; Varlet, T.; Masson, G. *Acc. Chem. Res.* **2022**, 55, 3265.
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