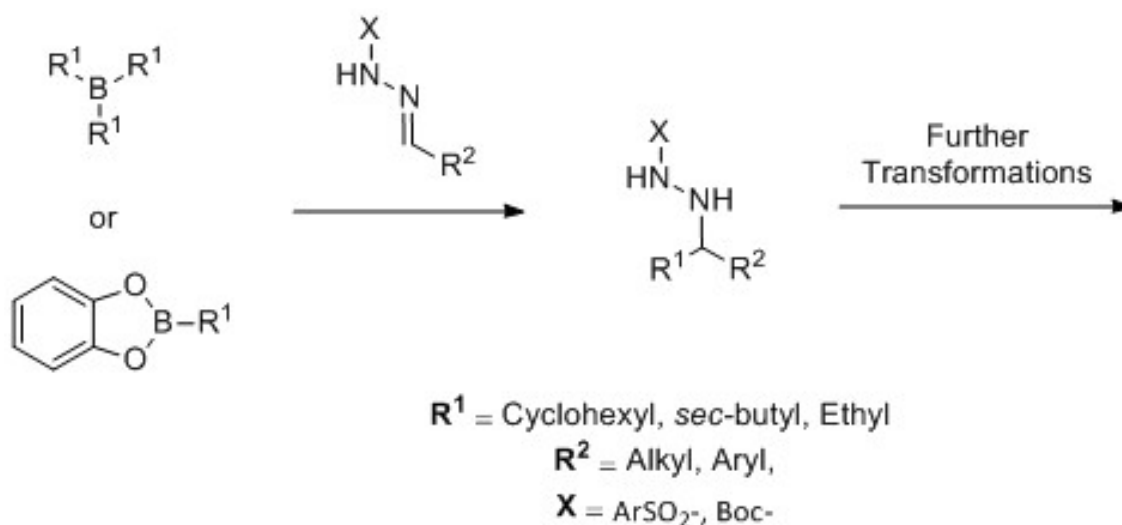


**Free-radical transformations involving organoboranes and hydrazones**C. Meléndez<sup>1</sup>, P. Renaud<sup>1\*</sup><sup>1</sup>University of Bern

Trialkylboranes and alkyl-catecholboranes (commercially available or prepared by hydroboration of olefins) represent a versatile source of alkyl radicals which can be used in different synthetic transformations.<sup>1</sup> The nucleophilic character of the radicals generated makes possible their addition to suitable electrophilic traps.<sup>2</sup> In this work we describe the addition of alkyl radicals to hydrazones which by turn can serve as a method for the functionalization of olefins. Additionally, we present insights about how the corresponding products can be further transformed into compounds of synthetic value.



[1] Cyril Ollivier, Philippe Renaud, *Chem. Rev.* **2001**, 101, 3415–3434.

[2] Gregory K. Friestad, *Tetrahedron*, **2001**, 57, 5461-5496.