NEW TRENDS IN C–H FUNCTIONALIZATIONS *(by Vladimir Gevorgyan)*

Part-I: C–H Functionalization via Traditional TM-Catalyzed Approach

Reviews used in presentation:

Catalytic Transformations via C–H Activation, Vol. 1. Science of Synthesis, J.-Q. Yu Ed, Thieme, 2016.
J.-Q. Yu and co-workers *Acc. Chem. Res.* **2012**, *45*, 788.
Daugulis and co-workers *Acc. Chem. Res.* **2015**, *48*, 1053.
Gevorgyan and co-workers *Acc. Chem. Res.* **2017**, *50*, 2038.

Part-II: C–H Functionalization Involving Radical Intermediates

Reviews used in presentation:

Juris and co-workers *Coord. Chem. Rev.* **1988**, *84*, 85.
MacMillan and co-workers *Chem. Rev.* **2013**, *113*, 5322.
Yoon and co-workers *Chem. Rev.* **2016**, *116*, 10035.
Gevorgyan and co-workers *Chem. Soc. Rev.* **2017**, *46*, 6227.