

A Journal of the Gesellschaft Deutscher Chemiker

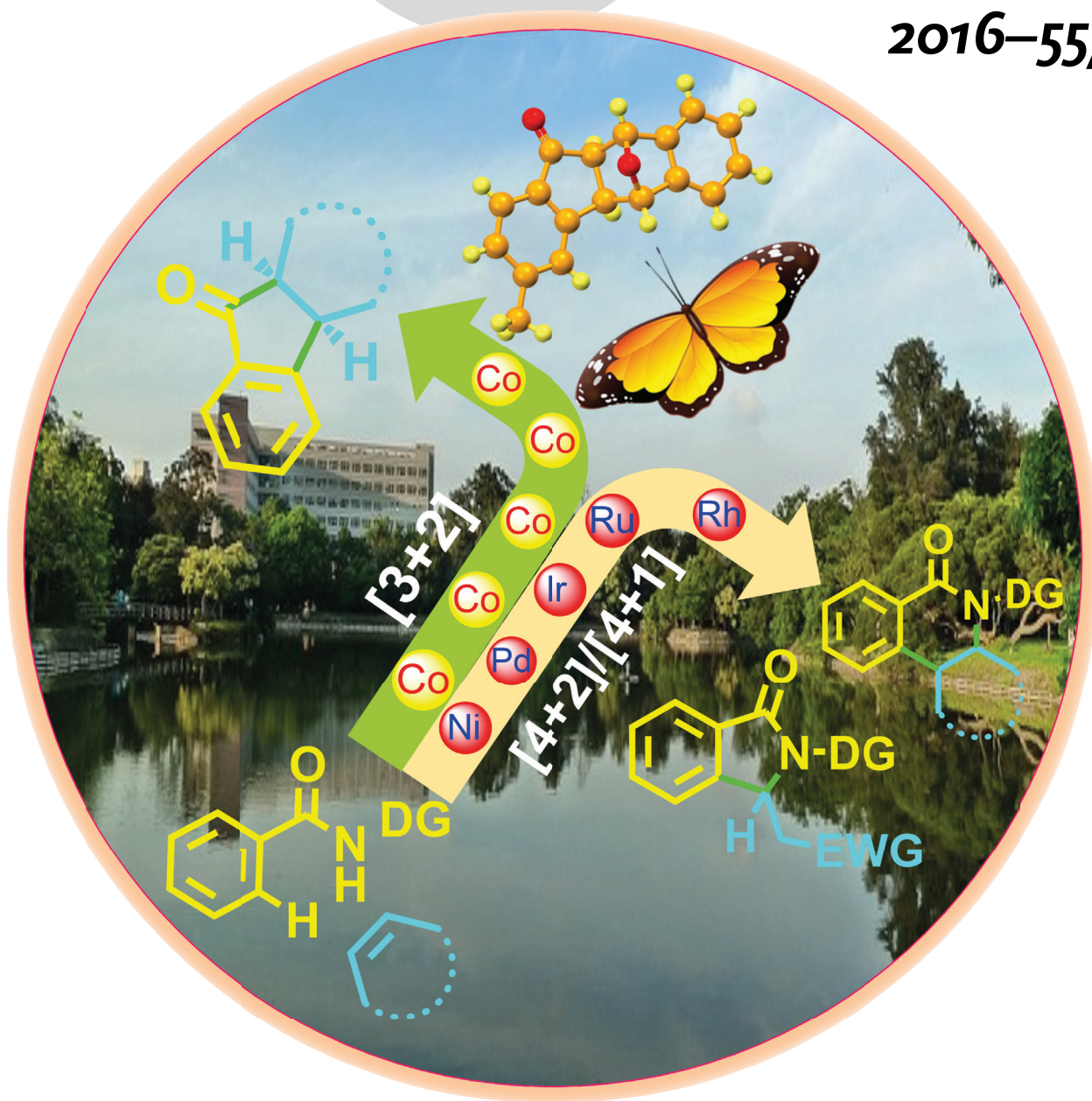
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2016–55/13



The unique reactivity ...

... of a cobalt catalyst enables the diastereoselective [3+2] annulation of amides and alkenes instead of a [4+2] or [4+1] annulation. In their Communication on page 4308 ff., C.-H. Cheng et al. describe the diastereoselective synthesis of pentacyclic fluorenone derivatives from aromatic/vinylic secondary amides and bicyclic alkenes by cobalt-catalyzed C–H activation and intramolecular nucleophilic addition.

WILEY-VCH