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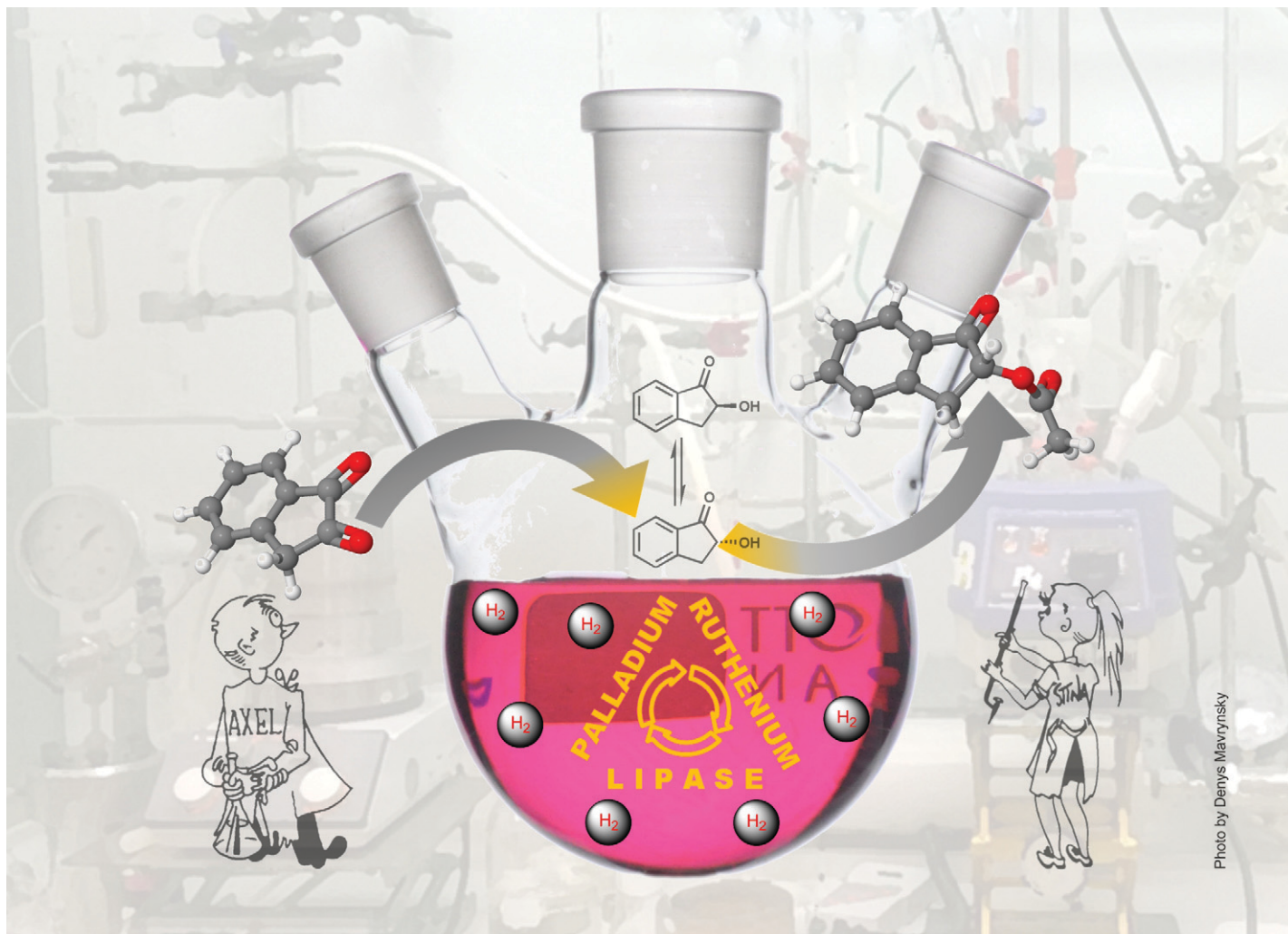


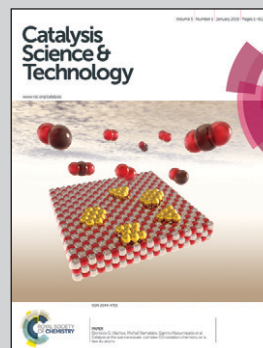
Photo by Denys Mavrynsky

Method development at Åbo Akademi University, Turku, Finland.

Title: One-pot synthesis of (*R*)-2-acetoxy-1-indanone from 1,2-indanedione combining metal catalyzed hydrogenation and chemoenzymatic dynamic kinetic resolution

A simple to operate one-pot reaction sequence was developed by combining a regioselective hydrogenation with a chemoenzymatic dynamic kinetic resolution. (*R*)-2-Acetoxy-1-indanone was obtained in high regioselectivity, moderate enantiopurity (86–92% ee) and a competitive isolated yield (39%).

As featured in:



See Reko Leino et al. *Catal. Sci. Technol.*, 2015, 5, 150.