

RSC Applied Interfaces

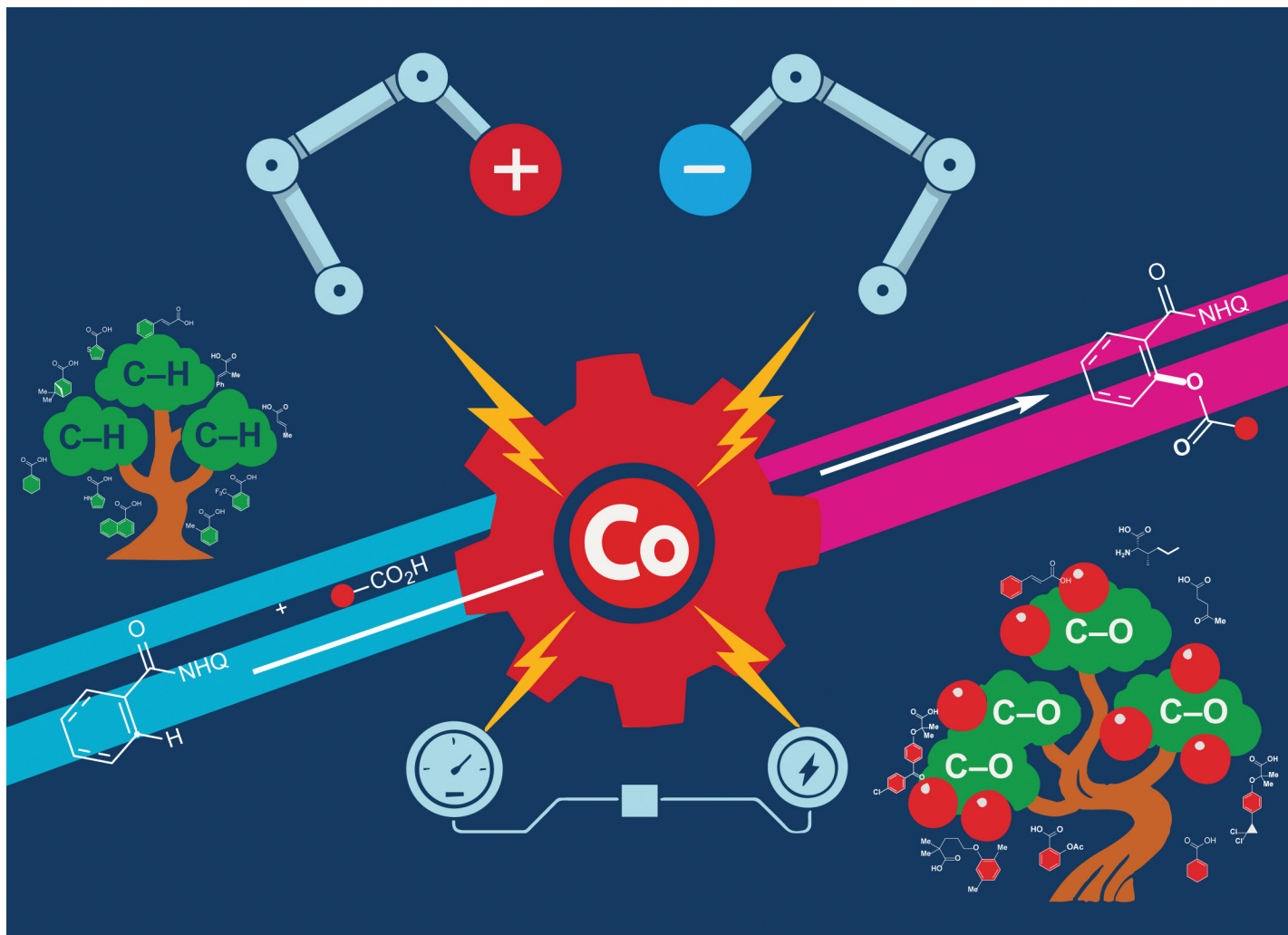
GOLD
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Interfacial and surface research
with an applied focus

Interdisciplinary and open access

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Fundamental questions
Elemental answers



Showing research from Professor Oscar Verho's laboratory, Department of Medicinal Chemistry, Uppsala University, Uppsala, Sweden.

Cobalt electro-catalyzed C-H acyloxylation of aromatic and vinylic amide derivatives at room temperature

Like a molecular engine, a cobalt electrocatalyst transforms ubiquitous C-H bonds into a rich harvest of valuable esters. This mild and sustainable method enables the direct formation of C-O bonds, yielding a diverse range of complex molecules for biomedical and industrial applications.

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As featured in:



See Pavlo Nikolaienko, Oscar Verho *et al.*, *Chem. Commun.*, 2025, **61**, 16946.