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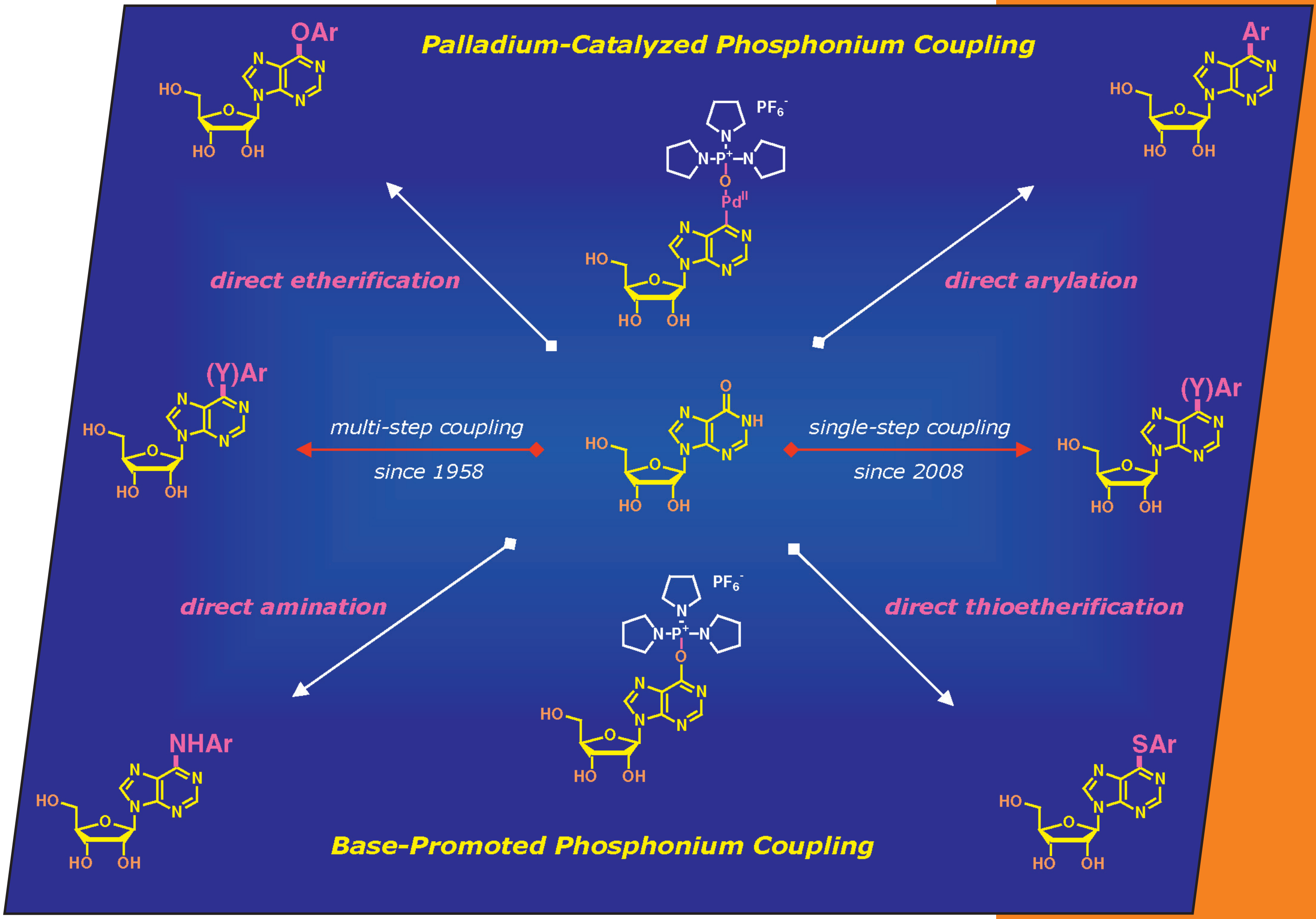

Cover Picture
Fu-An Kang et al.
Phosphonium Coupling in Tautomerizable Heterocycles

A Journal of
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A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows the single-step direct transformations of inosine into C6-functionalized nucleosides by base-promoted or palladium-catalyzed phosphonium couplings. Since the pioneering work by Fox et al. in 1958, the functionalization of nucleosides has been routinely carried out in a multi-step sequence including protection, activation, functionalization, and deprotection. As the first direct bond formation through C−OH bond activation of tautomerizable heterocycles with PyBroP, this new, mild, efficient, chemoselective, and versatile phosphonium coupling methodology has solved a long-standing synthetic challenge of a single-step transformation in nucleoside chemistry. Details of the discovery, mechanism, scope, and application of this technology are presented in the Microreview by F.-A. Kang et al. on p. 461ff.