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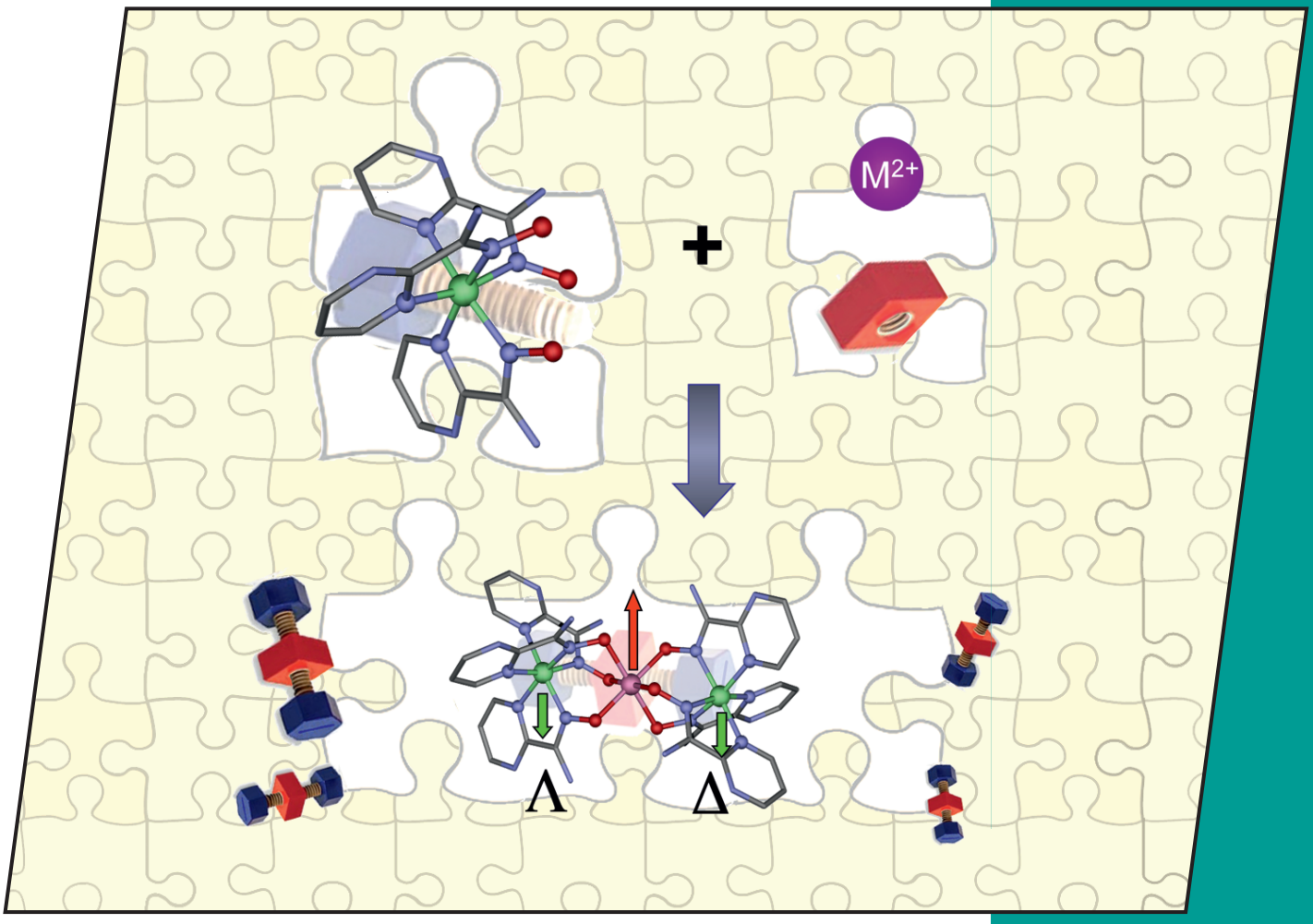

Cover Picture

Enrique Colacio et al.

Heterometallic Oximato-Bridged Trinuclear Complexes

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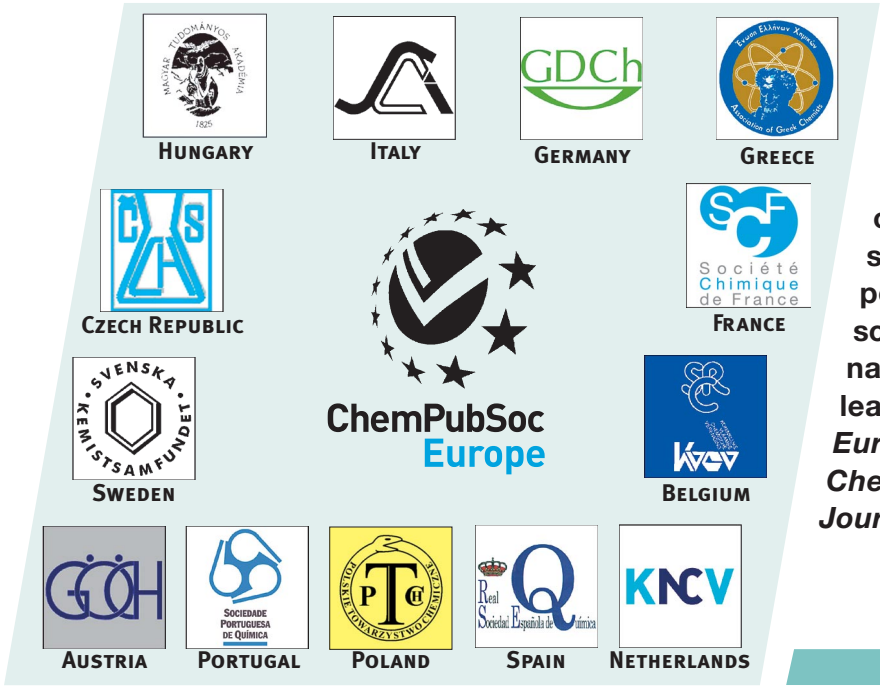

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COVER PICTURE

The cover picture shows how oximate-bridged heterometallic trinuclear $Ni^{II}M^{III}Ni^{II}$ complexes can easily be constructed from the assembly of the "in situ" generated *fac*-O_3 $[Ni(HL)_3]^-$ (H_2L = pyrimidine-2-carboxamide-oxime) metalloligand (blue screw) with either M^{2+} ions (M^{2+} = Mn and Fe), which are oxidized during the course of the reaction, or Tb^{3+} ions (red nut). The nickel(II) ions in these centrosymmmetric trinuclear complexes exhibit opposite propeller-like chirality (the blue screws turn on the red nut in opposite directions). The red and green arrows are the spins of the M^{3+} and Ni^{2+} ions, and they are antiparalell, which indicates that the interaction is antiferromagnetic in nature. Details are discussed in the article by E. Colacio et al. on p. 5225 ff.