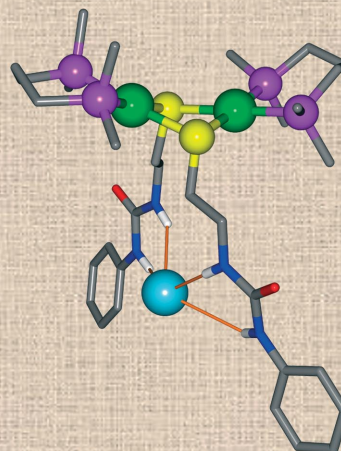
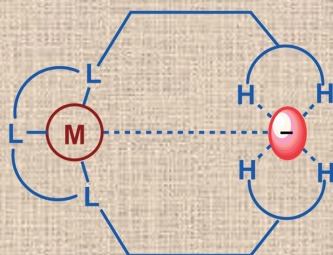


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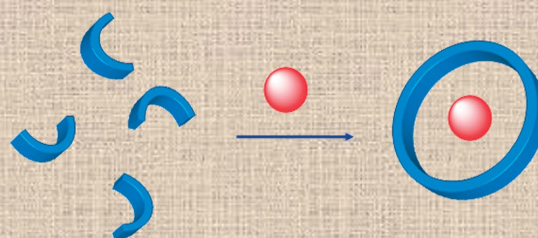
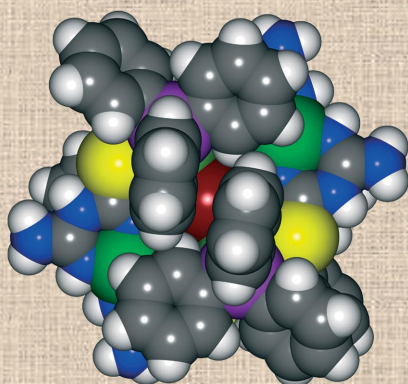
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Inorganic Chemistry

Metalloreceptors
for anions...



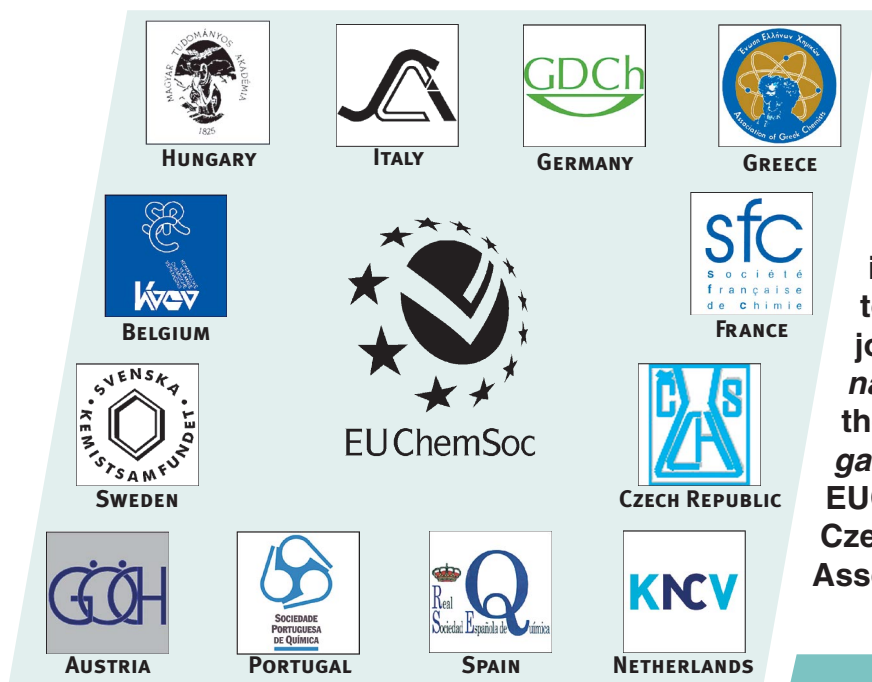
...and anion templates for the
synthesis of metallareceptors



Cover Picture / Microreview

Ramon Vilar

Anion Recognition and Templatation in Coordination Chemistry



The EUChemSoc Societies have 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 EUChemSoc Societies (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

Cover Picture: Metalloreceptors for the molecular recognition of anions or anion templates for the synthesis of metalloreceptors? Both! This figure shows the crystal structures of two metallohosts with the corresponding anionic guest “trapped” within the hydrogen-bonding clefts. In one case (structure shown at the top), the complex was prepared without the need for an anion template. Once formed, this dipalladium complex with urea-containing ligands binds a range of different anions in competing solvents. The structure shown at the bottom of the figure is that of a tetrametallohost, which only forms in the presence of the appropriate anionic template. This microreview on p. 357ff aims to give an overview of the research carried out in the author’s group in the area of anion recognition and templation in coordination chemistry.

