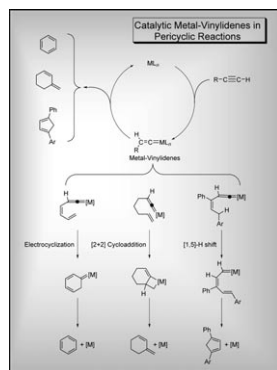
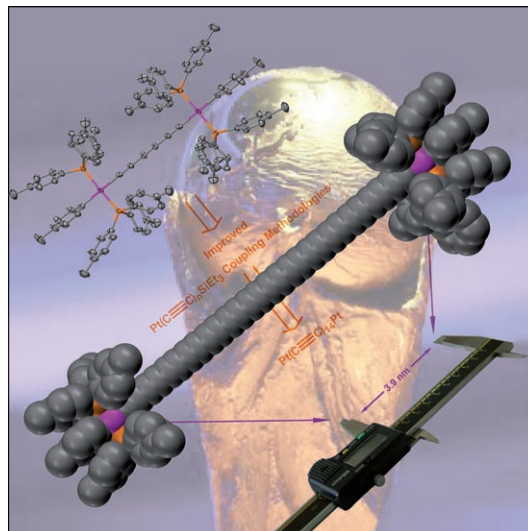


Record-breaking PtC_xPt polyynes...

... have been synthesized, isolated, and fully characterized by J. A. Gladysz et al.; the results are reported in their Full Paper on page 6486 ff. The spectroscopic and structural properties of PtC_xPt establish a number of interesting chain-length effects, which are becoming increasingly well defined for polyynes.

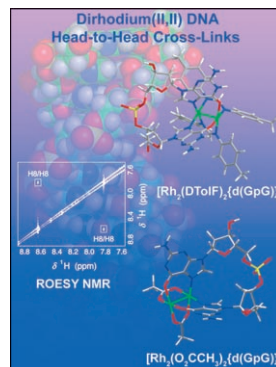


Transition-Metal Catalysts

In their Full Paper on page 6450 ff., J. A. Varela and C. Saá describe the use of metal-vinylidene complexes as catalysts in pericyclic reactions. The inherent advantages of this methodology rely on the atom economy of the process, the use of catalytic amounts of metals, and the rich versatility to make quite complex transformations.

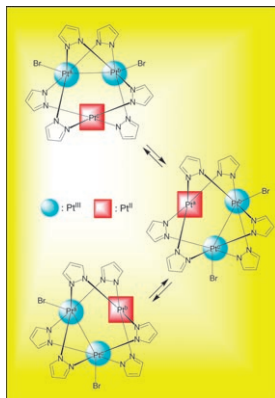
Antitumor Agents

In their Full Paper on page 6458 ff., H. T. Chifotides and K. R. Dunbar describe reactions of the anticancer compound $\text{cis-}[\text{Rh}_2(\text{DTolF})_2(\text{CH}_3\text{CN})_6](\text{BF}_4)_2$ with the dinucleotide d(GpG) leading to a head-to-head cross-linked product in which the guanine bases span the Rh–Rh bond equatorially through N7/O6.



Platinum Coordination Chemistry

Two-electron oxidation of the cyclic trimer consisting of square-planar Pt^{II} ions produces a spin-paired $\text{Pt}_3^{\text{II,III,III}}$ species with localized Pt–Pt bond rather than $\text{Pt}^{8/3}\text{Pt}^{8/3}\text{Pt}^{8/3}$ species with delocalized Pt–Pt bonds. In their Full Paper on page 6521 ff., K. Umakoshi, M. Onishi et al. discuss the isolation, characterization, and properties of this complex.



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