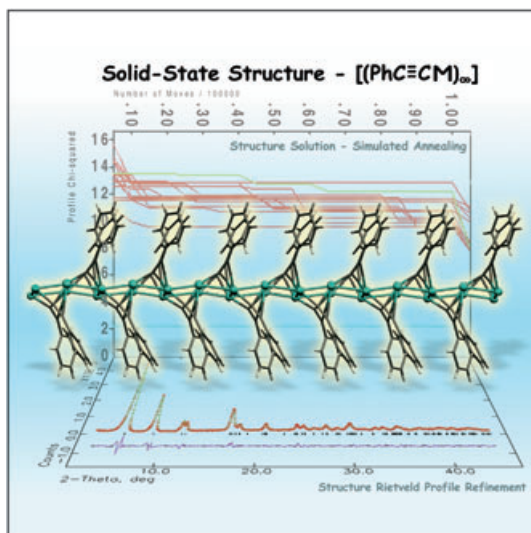


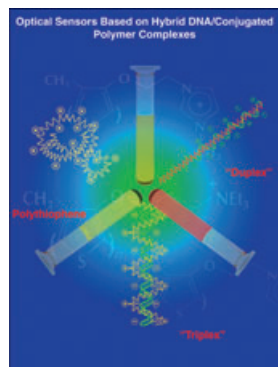
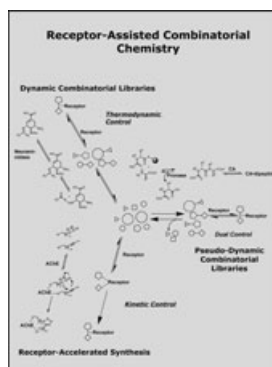
# Polymeric structures are found...

... for one of a series of homoleptic coordination polymers  $[(RC\equiv CM)_n]$  ( $M = Cu^I, Ag^I,$  and  $Au^I$ ) that have been structurally characterized. The paper by C.-M. Che et al. on page 1739 ff. describes the characterization by means of X-ray powder diffraction measurements of several such complexes. Solid-state properties including photoluminescence,  $\nu(C\equiv C)$  stretching frequencies and thermal stability of these polymeric systems are discussed in the context of the determined structures. The picture shows the structure and diffraction data for the polymer chain  $[(PhC\equiv CCu)_\infty]$ .



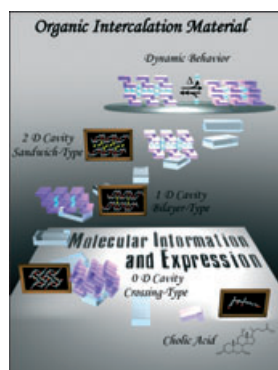
## Emerging Fields

In their Concept article on p. 1708 ff. J. L. Gleason, R. J. Kazlauskas and co-workers describe the three main methods that have emerged thus far in receptor-assisted combinatorial chemistry: dynamic combinatorial libraries, receptor-accelerated synthesis, and a new method, pseudo-dynamic libraries.



## DNA Recognition

In the Concept article by M. Leclerc et al. on page 1718 ff., they report on the development of a simple, rapid, sensitive, and selective methodology which utilizes a water-soluble, cationic conjugated polymer as a "polymeric stain" that can specifically transduce the binding of an appropriate single-stranded DNA probe (ss-DNA or oligonucleotides) to its target into a clear optical (colorimetric or fluorometric) signal.



## Organic Intercalation Material

Cholic acid forms inclusion crystals that have a sandwich-type lamellar structure constructed by the alternative stacking of host bilayers and guest layers. In their article on page 1725 ff. M. Miyata et al. report their latest results on intercalation and deintercalation phenomena observed in these organic layer crystals.

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