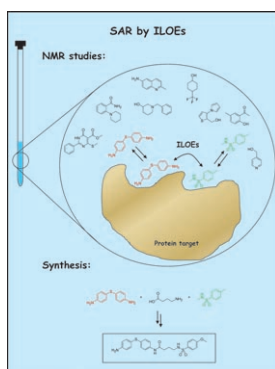
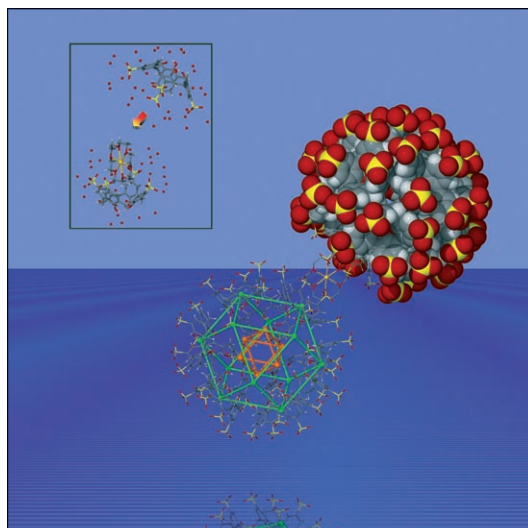


# Russian dolls...

... partially formed through the use of diffusion-ordered spectroscopy are described by C. L. Raston et al. in the Full Paper on page 2772 ff. Such arrangements have been used to assemble nanometer-scale cuboctahedral spheroids in the solid state; these results suggest that the build-up mechanism would be “molecular capsule” to “cuboctahedron”, given the binding of a sodium [18]crown-6 complex by *p*-sulfonatocalix[4]arene ( $K_a \approx 3.1 \times 10^3 \text{ M}^{-1}$ ), and that the cuboctahedra assemble with lanthanide [18]crown-6 guest species.

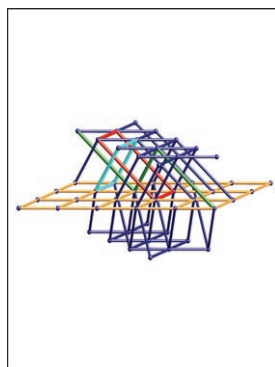


## High-Affinity Ligands

A new approach which makes use of interligand nuclear Overhauser effect NMR measurements has been developed to detect high-affinity ligands. This technique, which is described by M. Pellecchia and B. Becattini in their Concept article on page 2658 ff., allows for an identification of small molecules as potential drug candidates and the elucidation of the drug–protein interactions without the need for specific assays. The new approach is of general applicability and could prove very powerful in reverse-genetics studies, target validation, and lead discovery.

## Chiral Depsipeptide Dendrimers

In their Full Paper on page 2663 ff., A. Hirsch and co-workers describe the self-assembly of a homotripic Hamilton receptor with chiral depsipeptides, which leads to the highly cooperative formation of chiral supramolecular dendrimers.



## Eight-Connected Entangled Frameworks

In their Full Paper on page 2680 ff., E.-B. Wang and co-workers describe the synthesis and structure of a series of 3D entangled coordination frameworks based on different metal cores, among which,  $[\text{Cd}_3(\text{bdc})_3(\text{L}_2)(\text{H}_2\text{O})_2]$  displays an unprecedented eight-connected  $4^{20}6^8$  topology.

 GERMANY	 NETHERLANDS
 BELGIUM	 ITALY
 FRANCE	 SPAIN
 PORTUGAL	 GREECE
 CZECH REPUBLIC	 POLAND
 SWEDEN	 HUNGARY
 AUSTRIA	 EU ChemSoc

**Chemistry—A European Journal** is jointly owned by the 14 Chemical Societies shown above and published by Wiley-VCH. This group of Societies has banded together as the Editorial Union of Chemical Societies (EU ChemSoc) for its combined publishing activities.