Representation of a hexameric assembly of dendrimers (hyperbranched polymers, shown with four layers or generations). Hydrogen-bonding contacts at the core of each dendrimer and peripheral van der Waals interactions stabilize the assembly, whose size rivals that of a small protein. White, hydrogen; black, carbon; red, oxygen; and blue, nitrogen. See page 1095 and the Perspective on page 1077. [Image created by Paul A. Thiessen with PovChem (see http://ludwig.scs.uiuc.edu) on a Silicon Graphics Indigo]

Heparin Structure and Interactions with Basic Fibroblast Growth Factor
S. Faham, R. E. Hileman, J. R. Fromm, R. J. Linhardt, D. C. Rees

The p21<sup>ras</sup> Farnesyltransferase α Subunit in TGF-β and Activin Signaling

Locus Control Region Function and Heterochromatin-Induced Position Effect Variegation

Congenital Jaundice in Rats with a Mutation in a Multidrug Resistance-Associated Protein Gene

IRAK: A Kinase Associated with the Interleukin-1 Receptor
Z. Cao, W. J. Henzel, X. Gao

Hale-Bopp in a CO coma

**REPORTS**

Drilling and Dating New Jersey 1092
Oligocene-Miocene Sequences: Ice Volume, Global Sea Level, and Exxon Records
K. G. Miller, G. S. Mountain, the Leg 150 Shipboard Party, and Members of the New Jersey Coastal Plain Drilling Project

Self-Assembling Dendrimers 1095

Re-Os Ages of Group IIA, IIA, IVA, and IVB Iron Meteorites
M. I. Smoliar, R. J. Walker, J. W. Morgan

The Swelling of Clays: Molecular Simulations of the Hydration of Montmorillonite
S. Karaborni, B. Smir, W. Heidug, J. Urai, E. van Oort

Middle to Late Paleozoic Atmospheric CO<sub>2</sub> Levels from Soil Carbonate and Organic Matter
C. I. Mora, S. G. Driese, L. A. Colarussu

Initial Results of Radio Occultation

Observations of Earth’s Atmosphere Using the Global Positioning System

Observations of Carbon Monoxide in Comet Hale-Bopp
D. Jewitt, M. Senay, H. Matthews

Imitation of Escherichia coli Aspartate Receptor Signaling in Engineered Dimers of the Cytoplasmic Domain
A. G. Cochran and P. S. Kim

**TECHNICAL COMMENTS**

How Much Solar Radiation Do Clouds Absorb?
G. L. Stephens; R. D. Cess and M. H. Zhang; P. Pilewskie and F. P. J. Valero

Interhelical Salt Bridges, Coiled-Coil Stability, and Specificity of Dimerization
P. Lavigne, F. D. Sönnichsen, C. M. Kay, R. S. Hodges; K. J. Lumb and P. S. Kim

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