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]

**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 1099  
M. I. Smoliar, R. J. Walker, J. W. Morgan

The Swelling of Clays: Molecular Simulations of the Hydration of Montmorillonite 1102  
S. Karaborni, B. Smit, W. Heidug, J. Urai, E. van Oort

Middle to Late Paleozoic Atmospheric CO₂ Levels from Soil Carbonate and Organic Matter 1105  
C. I. Mora, S. G. DiRiese, L. A. Colarusso

Initial Results of Radio Occultation Observations of Earth's Atmosphere Using the Global Positioning System 1107  

Observations of Carbon Monoxide in Comet Hale-Bopp 1110  
D. Jiewitt, M. Senay, H. Matthews

Imitation of Escherichia coli Aspartate Receptor Signaling in Engineered Dimers of the Cytoplasmic Domain 1113  
A. G. Cochran and P. S. Kim

Heparin Structure and Interactions with Basic Fibroblast Growth Factor 1116  
S. Faham, R. E. Hileman, J. R. Fromm, R. J. Linhardt, D. C. Rees

The p21^{AS} Farnesyltransferase α Subunit in TGF-β and Activin Signaling 1120  

Locus Control Region Function and Heterochromatin-Induced Position Effect Variegation 1123  
R. Festenstein, M. Tolaini, P. Corbella, C. M. Maramalaki, J. Patterson, M. Fox, A. Millou, M. Jones, D. Kriouiss

Congenital Jaundice in Rats with a Mutation in a Multidrug Resistance-Associated Protein Gene 1126  

IRAK: A Kinase Associated with the Interleukin-1 Receptor 1128  
Z. Cao, W. J. Henzel, X. Gao

**TECHNICAL COMMENTS**

How Much Solar Radiation Do Clouds Absorb? 1131  
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 1136  
P. Lavigne, F. D. Sönnichsen, C. M. Kay, R. S. Hodges; K. J. Lumb and P. S. Kim

Hale-Bopp in a CO coma

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