Three-dimensional power spectrum of solar oscillations from observations by the Global Oscillation Network Group (GONG). These data are for sound waves with 30 to 150 wavelengths around the sun of varying latitudinal extent and periods of 4 to 12 minutes. Greater power is denoted by blue-green tones. The curved sheets represent distinct radial overtones of the oscillations. See the special section on helioseismology (pages 1281–1309) and a News story (page 1264). (GONG is an international project supported by the National Science Foundation.) [Image: N. Brumell and D. Haber]

An Orphan Nuclear Hormone Receptor
That Lacks a DNA Binding Domain and Heterodimerizes with Other Receptors

W. Seol, H.-S. Choi, D. D. Moore

PKD2, a Gene for Polycystic Kidney Disease That Encodes an Integral Membrane Protein


Structural Basis of Ligand Discrimination by Two Related RNA Aptamers Resolved by NMR Spectroscopy

Y. Yang, M. Kochoyan, P. Burgstaller, E. Westhof, M. Famulok

Stress-Induced Phosphorylation and Activation of the Transcription Factor CHOP (GADD153) by p38 MAP Kinase

X.-Z. Wang and D. Ron

G Protein–Mediated Neuronal DNA Fragmentation Induced by Familial Alzheimer’s Disease–Associated Mutants of APP


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H. Yang, M. Bard, D. A. Bruner, A. Gleeson, R. J. Deckelbaum, G. Aljinovic, T. M. Pohl et al.

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Correlates of Protective Viruses Damaging to HIV Infection

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A. R. Templeton; F. J. Ayala

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