This Week in Science


New Insights into Antigen Recognition: P. Marrack

The Supervena 1987A Shows a Mind of Its Own and a Burst of Neutrinos

Briefing: Human Cancer Gene Sequenced

A 16-Megabit Memory Chip from Japan

The Surprising Genetics of Bottlenecked Flies ■ Bottlenecked Cheetahs

New Understanding of Gaucher's Disease

Regulation of Products from Biotechnology: F. E. Sharples ■ Bacterial Domestication: Underlying Assumptions: B. D. Davis

The Urban Homeless: Estimating Composition and Size: P. H. Rossi, J. D. Wright, G. A. Fisher, G. Willis

Chromatography with Supercritical Fluids: M. L. Lee and K. E. Markides

The Regulation of Natural Anticoagulant Pathways: C. T. Esmen

The Relation Between Major Histocompatibility Complex (MHC) Restriction and the Capacity of Ia to Bind Immunogenic Peptides: S. Buus, A. Sette, S. M. Colon, C. Miles, H. M. Grey
A composite image of Markarian 348, the largest known galaxy. The cold, neutral hydrogen is shown in blue; the stars in the galaxy are shown in red. This is a Seyfert galaxy (one of the 5% of galaxies that have unusually active centers) with dimensions 310 by 390 kiloparsecs, or 13 times the size of our own galaxy. See page 1367. [S. M. Simkin et al., Michigan State University, East Lansing, MI 48824]

Reports


1373 Superconductivity at 40 K in the Oxygen-Defect Perovskites La2_xSrxCuO4-y: J. M. TARASCON, L. H. GREENE, W. R. MCKINNON, G. W. HULL, T. H. GEBALE


1379 Region-Specific Expression of Two Mouse Homeo Box Genes: M. F. UTSET, A. AWGULEWSKI, F. H. Ruddle, W. McGINNIS

1383 Regulation in Vitro of Metallothionein Gene Binding Factors: C. SEGUIN and D. H. HAMER

1387 Megabase-Scale Mapping of the HLA Gene Complex by Pulsed Field Gel Electrophoresis: S. K. LAWANCE, C. L. SMITH, R. SRIVASTAVA, C. R. CANTOR, S. M. WEISSMAN


1392 Transposition of Gram-Positive Transposon Tn916 in Acholeplasma laidlawii and Mycoplasma pulmonis: K. DITBIVG and G. H. CASSELL


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