This Week in Science

Editorial

705 Science at the Four-Year and Master's Universities

Perspective

707 U.S. Nuclear Power in the Next Twenty Years: B. I. SPINRAD

Letters

713 The Meadowcroft Rockshelter: J. M. ADOVASIO and R. C. CARLISLE ■ Brainwave Counting: W. A. CONIGLIO ■ Flora Project: M. S. STRAUSS

News & Comment

717 AIDS and Drug Abuse: No Quick Fix
719 ARS Prodded into the Open
720 Anglo-French Nuclear Missile Under Study
723 Patent Claim Buildup Haunts Biotechnology
724 NIH Scientists Balk at Random Drug Tests

Research News

725 Academy Backs Genome Project
727 Pushing Back the Redshift Limit
729 Was There a Prelude to the Dinosaurs' Demise?
730 Superconductors Hotter Yet

Articles

737 Causes of the Liability Insurance Crisis: S. HARRINGTON and ROBERT E. LITAN
742 Diode Laser-Pumped Solid-State Lasers: R. L. BYER

Research Articles

753 Glycosyl-Phosphatidylinositol Moiety That Anchors Trypanosoma brucei Variant Surface Glycoprotein to the Membrane: M. A. J. FERGUSON, S. W. HOMANS, R. A. DWEEK, T. W. RADERMACHER

Reports

760 New Asymptotics for Old Wave Equations: J. R. KLAUDER
Subsets of developing T lymphocytes from a mouse, stained with fluorescently labeled monoclonal antibodies against the membrane glycoproteins, CD4 and CD8 (×2800). Helper T cells (orange, CD4+), cytotoxic and suppressor T cells (green, CD8+), and immune blast cells (yellow, CD4+ and CD8+) each exhibit a characteristic pattern of ion-channel expression. See page 771. [Richard S. Lewis, University of California, Irvine 92717]