Science, Engineering, and Technology: A. J. Harrison

LETTERS


ARTICLES

Chemistry and Chemical Intermediates in Supersonic Free Jet Expansions: T. A. Miller

Communications Satellites: Countdown for INTELSAT VI: L. Pollack and H. Weiss

Chromosome 4 Jt Gene Controls Murine T Cell Surface I-J Expression: C. E. Hayes et al.

NEWS AND COMMENT

The Reagan Budget: More of the Same

Missile Talks Doomed from the Start

Briefing: Archeologist to Head Smithsonian; Ban on Shooting Animals for Research Is Lifted; International Group Suspends Nestlé Boycott; DOE Managerial Reshuffle: No Plans to Self-Destruct; Medical Groups Protest New "Baby Doe" Rules

Newman's Impossible Motor

RESEARCH NEWS

Tracking the Lost I-J Suppressor Region

Briefing: Through a Lens Darkly; Splashdance

Manganese Nodules Grow by Rain from Above

Why Are There Any Nodules at All?

AAAS NEWS

Societies Look at Professional Ethics Programs; AAAS Socio-Psychological Prize; Grants to Self-Sponsored Foreign Graduate Students to Attend 1984 Annual
BOOK REVIEWS  Mary Somerville and the Cultivation of Science, 1815–1840, reviewed by S. Sheets-Pyenson; Haphazard Reality, D. C. Cassidy; Chromosome Mutation and Neoplasia, A. M. R. Taylor; Handbook of Experimental Pollination Biology, B. Rathcke; Relativistic Astrophysics, J. Silk; Books Received .................................................... 580

REPORTS  Bismuth Bronze from Machu Picchu, Peru: R. B. Gordon and J. W. Rulledge ... 585
Phosphorylation Events During Müllerian Duct Regression: J. M. Hutson et al. 586
Cerebellar Autonomic Function: Direct Hypothalamocerebellar Pathway: E. Dietrichs .......................................................... 591
Antigenic Similarity Between Cells Transformed by Ultraviolet Radiation in vitro and in vivo: M. S. Fisher, M. L. Kripke, G. L. Chan 593
Adaptive Response of Human Lymphocytes to Low Concentrations of Radioactive Thymidine: G. Olivieri, J. Bodycote, S. Wolf 594
Identification of an Erythrocyte Component Carrying the Duffy Blood Group Fy-a Antigen: T. J. Hadley et al. 597
Virus-Like Sensitivity of the Scrapie Agent to Heat Inactivation: R. G. Rohwer ... 600
A New Type D Retrovirus Isolated from Macaques with an Immunodeficiency Syndrome: M. D. Daniel et al. 602
Prolongation of Rat Islet Allograft Survival by Direct Ultraviolet Irradiation of the Graft: H. Lau, K. Reemtsma, M. A. Hardy 607
Male Crickets Feed Females to Ensure Complete Sperm Transfer: S. K. Sakaluk .... 609

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COVER  Interference contrast photomicrograph of a hypothalamic neuron (close to the ventral surface of the brainstem) retrogradely labeled with wheat germ agglutinin–horseradish peroxidase after injection in feline cerebellar cortex. The demonstration of a hypothalamocerebellar projection introduces a pathway through which cerebellum may be directly influenced by higher autonomic centers (about x3900). See page 591. [Espen Dietrichs, Anatomical Institute, University of Oslo, Oslo 1, Norway]