LETTERS


EDITORIAL

Time to Revive Systematics: E. O. Wilson

ARTICLES

Ph/Alley: The Quintessential Comet: M. J. S. Belton

Expression of the Rous Sarcoma Virus pol Gene by Ribosomal Frameshifting: T. Jacks and H. E. Varmus


NEWS AND COMMENT

Keyworth Quits White House Post

British Cabinet Split on SDI Agreement

Broader Commitment Laws Sought

New University-Industry Pact Signed

Briefing: Swiss Voters Reject Ban on Vivisection; Few Long-Term Gains in Youth Employment Project; Violence Seen as Public Health Issue

RESEARCH NEWS

New Horizons for Light Microscopy

Prism Patterns Show Relations

Neuroscience Briefing: “Alz 50” Recognizes an Alzheimer’s Protein; Disease Linked to a Faulty Potassium Channel; Action Potentials Halt Growth Cone Elongation; A New in Vitro Model of Seizure Activity

ANNUAL MEETINGS

Call for Contributed Papers

(1215 1229 1237 1242 1249 1251 1253 1255 1257 1258 1259 1260 1263)
AAAS NEWS

BOOK REVIEWS
Trial and Error, reviewed by T. James; Changing Order, S. E. Cozzens; Many-Body Phenomena at Surfaces, J. J. Rehr; General Relativity and Gravitation, W. Rindler; Books Received .................................................. 1266

REPORTS
Stereoscopic Images in Confocal (Tandem Scanning) Microscopy: A. Boyde ........................................... 1270
Lattice Images of Solid Xenon Precipitates in Aluminum at Room Temperature: S. E. Donnelly and C. J. Rossow .............. 1272
\(\alpha_2\)-Adrenergic Mechanisms in Prefrontal Cortex Associated with Cognitive Decline in Aged Nonhuman Primates: A. F. T. Arnsten and P. S. Goldman-Rakic ........ 1273
The Role of Macrophages in Particle Translocation from Lungs to Lymph Nodes: A. G. Harmsen, B. A. Muggenburg, M. B. Snipes, D. E. Rice ........................................... 1277

Myofibrils Bear Most of the Resting Tension in Frog Skeletal Muscle: A. Magid and D. J. Law ........................................ 1280
The Human Gene Encoding GM-CSF Is at 5q21-q32, the Chromosome Region Deleted in the 5q- Anomaly: K. Hruban et al. .................................................. 1282
Direct Evidence That Endogenous GM1 Ganglioside Can Mediate Thymocyte Proliferation: S. Spiegel, P. H. Fishman, R. J. Weber ........................................... 1285
Colocalization of Band 3 with Ankyrin and Spectrin at the Basal Membrane of Intercalated Cells in the Rat Kidney: D. Drenckhahn, K. Schlüter, D. P. Allen, V. Bennett ........................................... 1287

PRODUCTS AND MATERIALS
Electrophoresis Software: Liquid Scintillation Counting Cocktail; Automated ELISA; Biological Safety Cabinet; Syringe Filters; Atrial Natriuretic Polypeptide Assay; Literature ........................................... 1296

COVER
Diffraction pattern, obtained with a He-Ne laser (\(\lambda = 0.633 \mu m\)), from intact skeletal muscle of frog. To detect the diffracted rays directly, an opaque screen was placed parallel to the incident laser beam. Generally, the diffracted rays are intercepted by a perpendicular screen, yielding the more familiar pattern of fringes. Six orders of diffraction are visible. This muscle has been stretched to sarcomere length 4.54 \(\mu m\), at which length non-overlap of thick and thin filaments would be reproduced. See page 1280. [Alan Magid and Douglas J. Law, Duke University, Durham, North Carolina 27710]
Editor's Summary

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