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REPORTS

Stereoscopic Images in Confocal (Tandem Scanning) Microscopy: A. Boyde

Lattice Images of Solid Xenon Precipitates in Aluminum at Room Temperature: S. E. Donnelly and C. J. Rossouw


The Role of Macrophages in Particle Translocation from Lungs to Lymph Nodes: A. G. Harmsen, B. A. Muggenburg, M. B. Snipes, D. E. Rice

Myofibrils Bear Most of the Resting Tension in Frog Skeletal Muscle: A. Magid and D. J. Law

The Human Gene Encoding GM-CSF Is at 5q21-q32, the Chromosome Region Deleted in the 5q- Anomaly: K. Hubeiner et al.

Direct Evidence That Endogenous GM Ganglioside Can Mediate Thymocyte Proliferation: S. Spiegel, P. H. Fishman, R. J. Weber

Colocalization of Band 3 with Ankyrin and Spectrin at the Basal Membrane of Intercalated Cells in the Rat Kidney: D. Drenckhahn, K. Schläfer, D. P. Allen, V. Bennett


PRODUCTS AND MATERIALS

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

COVER

Diffraction pattern, obtained with a He-Ne laser (λ = 0.633 μm), 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 μm, 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]