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REPORTS
Stratospheric Ozone, Middle Ultraviolet Radiation, and Carbon-14 Measurements of Marine Productivity: R. C. Smith and K. S. Baker
Cogeneration of Electric Energy and Nitric Oxide: C. G. Vayenas and R. D. Farr

Sexual Characteristics of Adult Female Mice Are Correlated with Their Blood Testosterone Levels During Prenatal Development: F. S. vom Saal and F. H. Bronson.


Calcification Inside Artificial Hearts: Inhibition by Warfarin-Sodium: W. S. Pierce et al.

Alteration in Connections Between Muscle and Anterior Horn Motoneurons After Peripheral Nerve Repair: T. M. Brushart and M.-M. Mesulam.

Bladder-Surface Glycosaminoglycans: An Efficient Mechanism of Environmental Adaptation: C. L. Parsons, C. Stauffer, J. D. Schmidt.

Olfactory Sensitivity in Humans: Genetic Versus Environmental Control: H. B. Hubert et al.


Neurotransmitter Receptor Binding in Bovine Cerebral Microvessels: S. J. Peroutka et al.

Single-Shot Channel Activation Accounts for Duration of Inhibitory Postsynaptic Potentials in a Central Neuron: D. S. Faber and H. Korn.

A Disparity Gradient Limit for Binocular Fusion: P. Burt and B. Julesz.


Products and Materials

Reverse Osmosis; Blood Gas Controls; Scanning Electron Microscope; Rotary Vacuum Evaporator; Infrared Spectrophotometer; Optical Scanner–Data Processor; Peristaltic Pump; Water Purification System; Literature.

Cover

Photomicrograph of motoneurons in the anterior horn of the spinal cord after injection of horseradish peroxidase into the peroneal muscles. Some of the neurons have been labeled, and others have not. Tetramethyl benzidine procedure with neutral red counterstain (about ×170). See page 603. [T. M. Brushart and M.-M. Mesulam, Beth Israel Hospital, Boston, Massachusetts]