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The Golden Age of the Geoscientist: G. M. Friedman

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The Mystery of the Shroud of Turin Challenges 20th-Century Science

Britain's National Health Service: It Works and They Like It, But—

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Particle Theory: Stanford Electron Experiment Closes Options

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Mantle Uplifted Block in the Western Indian Ocean: E. Bonatti and P. R. Hamlyn

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Pressure-Adaptive Differences in Lactate Dehydrogenases of Congeneric Fishes Living at Different Depths: J. Siebenaller and G. N. Somero


Enzyme-Linked Immunosorbent Assay for Identification of Rotaviruses from Different Animal Species: R. H. Yolken et al.

Neuroleptic-Induced “Anhedonia” in Rats: Pimozide Blocks Reward Quality of Food: R. A. Wise et al.

Physiological Basis of Anisometropic Amblyopia: H. M. Eggers and C. Blakemore

Chronically Decerebrate Rats Demonstrate Satiation But Not Bait Shyness: H. J. Grill and R. Norgren


Physostigmine: Improvement of Long-Term Memory Processes in Normal Humans: K. L. Davis et al.

Human Serial Learning: Enhancement with Acetylcholine and Choline and Impairment with Scopolamine: N. Sitaram, H. Weingartner, J. C. Gillin

Long-Term Changes in Dopaminergic Innervation of Caudate Nucleus After Continuous Amphetamine Administration: G. Ellison et al.


COVER

Sebastolobus alascanus. The muscle-type lactate dehydrogenase of this scorpionid fish is markedly more sensitive to moderate hydrostatic pressures than is the homologous enzyme of its deeper-living congener, Sebastolobus altivelis. Such pressure-adaptive differences may be important in establishing species depth zonation patterns in the sea. See page 255. [Thomas W. Okita, Scripps Institution of Oceanography, University of California, San Diego]
Editor's Summary

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