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A Local Time-Dependent Sverdrup Balance in the Eastern North Pacific Ocean: P. P. Niiler and C. J. Kobrinsky


Genomic Diversity of Human T-Lymphotropic Virus Type III (HTLV-III): F. Wong-Staal et al.

Gram-Positive Bacteria: Possible Photosynthetic Ancestry: C. R. Woese et al.

Antibody-Directed Urokinase: A Specific Fibrinolytic Agent: C. Bode, G. R. Matsueda, K. Y. Hui, E. Haber

The Role of c-mos Gene in the 8:21 Translocation in Human Acute Myeloblastic Leukemia: M. O. Diaz, M. M. Le Beau, J. D. Rowley, H. A. Drabkin, D. Patterson

Noninvasive Study of High-Energy Phosphate Metabolism in Human Heart by Depth-Resolved 31P NMR Spectroscopy: P. A. Bottomley


Regeneration of Functional Synapses Between Individual Recognizable Neurons in the Lamprey Spinal Cord: S. A. Mackler and M. E. Selzer

Huntington's Disease: Two Families with Differing Clinical Features Show Linkage to the G8 Probe: S. E. Folstein et al.

Diversity of Circumsporozoite Antigen Genes from Two Strains of the Malarial Parasite Plasmodium knowlesi: S. Sharma, P. Svec, G. H. Mitchell, G. N. Godson

Selective Attention Gates Visual Processing in the Extrastriate Cortex: J. Moran and R. Desimone


PRODUCTS AND MATERIALS

Supercomputer; Laboratory Software; Ophthalamic Laser; Vessel Wall Model; Bone Embedding Kit; Chemistry Analyzer; Laboratory Animal Protection; Literature

COVER

Mythical chinthe standing guard at the entrance to a pagoda, along the road from Mandalay to the remote Pondaung Hills of western Burma. Near the village of Mogaung in 40-million-year-old sediments of the Pondaung Formation a new fossil jaw of the earliest known higher primate, Amphipithecus, was discovered recently. This fossil substantiates the view that southeast Asia was the center of anthropoid origins. See page 756. [R. L. Ciochon, Department of Anatomical Sciences, State University of New York, Stony Brook 11794]
Editor's Summary

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