This Week in Science

The University Presidency Today: Steven Muller


Science & Security: Nuclear and Conventional Forces in Europe ■ Program ■ Advance Registration Form and Housing Form

Bringing SDI Down to Earth
Trouble Ahead for Exotic Mono Lake
NASA, NSF Await the Ax
NIH Moves to Debar Cholesterol Researchers
British Space Chief Quits in Protest
California Urged to Update Master Plan

Martian Meteorites Are Arriving
If Meteorites Come from Mars . . .
Imaging Unaltered Cell Structures with X-rays
Panel Urges Dementia Be Diagnosed with Care
What Babies Know, and Noises Parents Make

The Social Process of International Migration: D. S. Massey and F. García España
The Large Crater Origin of SNC Meteorites: A. M. Vickery and H. J. Melosh

Genomic Organization and Deduced Amino Acid Sequence of a Putative Sodium Channel Gene in Drosophila: L. Salkoff, A. Butler, A. Wei, N. Scavarda, K. Giffen, C. Ifune, R. Goodman, G. Mandel
Cloning of Genomic and Complementary DNA from Shaker, a Putative Potassium Channel Gene from Drosophila: D. M. Papazian, T. L. Schwarz, B. L Tempel, Y. N. Jan, L. Y. Jan

Model Studies of Polychlorinated Dibenzo-p-Dioxin Formation During Municipal Refuse Incineration: F. W. Karasek and L. C. Dickson
Disulfate Ion as an Intermediate to Sulfuric Acid in Acid Rain Formation: S. G. Chang, D. Littlejohn, K. Y. Hu

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“El Blanco” Glassauer died of dilated cardiomyopathy associated with taurine deficiency. His owner’s desire to prevent others from losing their pets stimulated work elucidating the cause and “cure” for feline dilated cardiomyopathy. A greenish-yellow glow emanates from normal reflective tapetum (left eye); congenital ocular albinism and tapetal absence, unrelated to taurine deficiency, result in reddish glow (right eye). Background: pre- and post-taurine supplementation M-mode echocardiogram from the first case treated. See page 764. [Photograph of “El Blanco” by Cindy Glassauer]

758 Cell-Autonomous Determination of Cell-Type Choice in *Dictyostelium* Development by Cell-Cycle Phase: R. H. Gomer and R. A. Firtel


764 Myocardial Failure in Cats Associated with Low Plasma Taurine: A Reversible Cardiomyopathy: P. D. Pion, M. D. Kittleson, Q. R. Rogers, J. G. Morris

768 Age and Diet of Fossil California Condors in Grand Canyon, Arizona: S. D. Emslie

770 Sequence of a Probable Channel Component Encoded at *Shaker* Locus of *Drosophila*: B. L Tempe, D. M. Papazian, T. L. Schwarz, Y. N. Jan, L. Y. Jan

775 A Novel Mode of Arbovirus Transmission Involving a Nonviremic Host: L. D. Jones, C. R. Davies, G. M. Steele, P. A. Nuttall


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