LETTERS


EDITORIAL

National Engineering Action Conference: E. E. David, Jr. 465

ARTICLES

The Sun's Influence on the Earth's Atmosphere and Interplanetary Space: J. V. Evans 467

The Anatomy of A-, B-, and Z-DNA: R. E. Dickerson et al. 475

Steel Recycling and Energy Conservation: B. Hannon and J. R. Brodick 485

NEWS AND COMMENT

Carter's Plan for MX Lives On............................................ 492

A Legacy of Technical Problems ........................................ 494

Binary Nerve Gas Production Plans Debated ............................ 495

The Politics of Lead ..................................................... 496

Briefing: NRC Reports on Ginna Nuclear Plant Accident; Scrap NSF, Slash NIH, Conservatives Urge; GAO Ignores Flaw in Concept of Space War; Trial Set for Louisiana's Creationist Law 498

RESEARCH NEWS

Nairobi Laboratory Fights More Than Disease.......................... 500

Portraits of a Parasite ................................................... 504

Perfect Shuffles and Their Relation to Math ............................ 505

Neuroscientists Look for Theories......................................... 507

BOOK REVIEWS

The Scientific Basis of Health and Safety Regulation, reviewed by S. G. Hadden; The Ecology of a Salt Marsh, I. Valiela; Vertebrate Locomotion, J. L. Edwards; Glutamate, K. Krnjević; Books Received ........................................... 508
REPORTS

Radionuclides in Mono Lake, California: H. J. Simpson et al. ........................................ 512
Elevated Concentrations of Actinides in Mono Lake: R. F. Anderson, M. P. Bacon, P. G. Brewer .......................................................... 514
Endemic Pleural Disease Associated with Exposure to Mixed Fibrous Dust in Turkey: A. N. Rohl et al. ................................................................. 518
Accumulation of Airborne Polychlorinated Biphenyls in Foliage: E. H. Buckley .......................................................... 520
Expression of Treponema pallidum Antigens in Escherichia coli: A. M. Walfield, P. A. Haufl, M. A. Lovett ............................................................... 522
Myoglobin Function in Exercising Skeletal Muscle: R. P. Cole ........................................... 523
Sodium Transport Inhibition by Amiloride Reduces Basolateral Membrane Potassium Conductance in Tight Epithelia: C. W. Davis and A. L. Finn ......................................................... 525
A New Tumor-Promoting Agent, Dihydroteleocidin B, Markedly Enhances Chemically Induced Malignant Cell Transformation: T. Hirakawa et al. ................................................................. 527
The Molecules That Initiate Cardiac Hypertrophy Are Not Species-Specific: G. L. Hammond, Y.-K. Lai, C. L. Markert ......................................................... 529
Relaxation of Isolated Gastric Smooth Muscle Cells by Vasoactive Intestinal Peptide: K. N. Bitar and G. M. Makhlof ......................................................... 531
Current Speed and Filtration Rate Link Caddisfly Phylogeny and Distributional Patterns on a Stream Gradient: D. N. Alstad .............................................. 533
Lysergic Acid Diethylamide (LSD) and Lisuride: Differentiation of Their Neuropharmacological Actions: F. J. White and J. B. Appel ........................................ 535
Electric Pulse-Induced Fusion of 3T3 Cells in Monolayer Culture: J. Teissie et al. ..................... 537
Computer-Generated Schematic Diagrams of Protein Structures: A. M. Lesk and K. D. Hardman .......................................................... 539
Transfer of Fermentative Microbes Between Generations in a Herbivorous Lizard: K. Troyer .......................................................... 540
Autoantibodies to Insulin Receptor Spontaneously Develop as Anti-Idiotypes in Mice Immunized with Insulin: Y. Shechter et al. ......................................................... 542
Calcium Ionophore Polarizes Ooplasmic Segregation in Ascidian Eggs: W. R. Jeffery .......................................................... 545
Science 216 (4545), 462-547.

http://science.sciencemag.org/content/216/4545.citation

http://www.sciencemag.org/help/reprints-and-permissions

Use of this article is subject to the Terms of Service

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title Science is a registered trademark of AAAS.