

139 This Week in *Science*

Editorial

141 Funding for Academic Research

Letters

142 Hot Little Pond?: K. M. TOWE ■ Royal Shorthand: S. J. GOULD ■ Carcinogenesis Models: L. J. MORDAN; S. H. MOOLGAVKAR; S. M. COHEN AND L. B. ELLWEIN ■ Asians and UCLA Admission: B. R. CLARK

News & Comment

152 NIH Misconduct Procedures Derailed ■ More Woes for Gallo
153 Leon Lederman's Quest: Double Science Funding
154 Skeptics and Visionaries Examine Energy Saving ■ Hope for Eastern Europe?
157 Was Paul Biddle Too Tough on Stanford?
158 *Briefings*: OSTP Fills Life Sciences Post ■ U.S. Drilling Takes New Tack ■ Poland Joins CERN ■ Ice Damage at SLAC ■ Cell Bank for Mental Illnesses ■ What Went Down Is Going Up ■ Women in NIH Research (Cont.) ■ Endangered Languages ■ Second Chance for "Earth Art" ■ Correction

Research News

160 Dinosaurs and Friends Snuffed Out? ■ More Death by Impact? ■ The Fine Details of Extinction
163 Probing the Complex Genetics of Alcoholism
165 The Breaking of a Mathematical Curse
166 Black Holes Swarming at the Galactic Center?

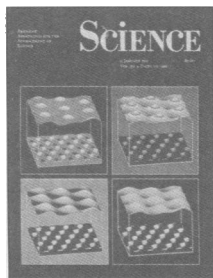
Articles

169 Balance of Risks and Benefits in Preparation for Earthquakes: B. A. BOLT
175 Chemistry of Excited Electronic States: P. B. ARMENTROUT

Reports

180 Venus Southern Hemisphere: Geologic Character and Age of Terrains in the Themis-Alpha-Lada Region: D. B. CAMPBELL, D. A. SENSKE, J. W. HEAD, A. A. HINE, P. C. FISHER

- SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 1990 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): \$82. Domestic institutional subscription (51 issues): \$150. Foreign postage extra: Canada \$46, other (surface mail) \$46, air freight \$90. First class, airmail, school-year, and student rates on request. **Change of address:** allow 6 weeks, giving old and new addresses and 11-digit account number. **Postmaster:** Send change of address to *Science*, P.O. Box 1723, Riverton, NJ 08077. **Single copy sales:** \$6.00 per issue prepaid includes surface postage; Guide to Biotechnology Products and Instruments, \$20. Bulk rates on request. **Authorization to photocopy** material for internal or personal use under circumstances not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of \$1 per copy plus \$0.10 per page is paid directly to CCC, 27 Congress Street, Salem, Massachusetts 01970. The identification code for *Science* is 0036-8075/83 \$1 + .10. *Science* is indexed in the *Reader's Guide to Periodical Literature* and in several specialized indexes.
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COVER Atomic force microscope images reveal the atomic arrangement of the first monolayer of copper atoms (top layer) electrodeposited on a gold crystal (bottom layer). The atomic spacing of this first copper layer differs from that of the bulk when the reaction is carried out in sulfate electrolyte. See page 183. [Images by S. A. C. Gould and S. Manne *et al.*]

- 183 Atomic-Resolution Electrochemistry with the Atomic Force Microscope: Copper Deposition on Gold: S. MANNE, P. K. HANSMA, J. MASSIE, V. B. ELINGS, A. A. GEWIRTH
- 186 Methylation-Sensitive Sequence-Specific DNA Binding by the c-Myc Basic Region: G. C. PRENDERGAST AND E. B. ZIFF
- 189 Distinct Protein Targets for Signals Acting at the *c-fos* Serum Response Element: R. GRAHAM AND M. GILMAN
- 192 Association of B Cell Antigen Receptor with Protein Tyrosine Kinase Lyn: Y. YAMANASHI, T. KAKIUCHI, J. MIZUGUCHI, T. YAMAMOTO, K. TOYOSHIMA
- 195 Vaccination for Disease: S. OEHEN, H. HENGARTNER, R. M. ZINKERNAGEL
- 198 Altered Synaptic Plasticity in *Drosophila* Memory Mutants with a Defective Cyclic AMP Cascade: Y. ZHONG AND C.-F. WU
- 201 Coordinate Regulation of β -Lactamase Induction and Peptidoglycan Composition by the *amp* Operon: E. TUOMANEN, S. LINDQUIST, S. SANDE, M. GALLEN, K. LIGHT, D. GAGE, S. NORMARK
- 204 Signal Transduction by Interferon- α Through Arachidonic Acid Metabolism: G. E. HANNIGAN AND B. R. G. WILLIAMS

Book Reviews

- 210 Science—The Endless Frontier AND American Science Policy Since World War II, reviewed by D. A. WILSON ■ The Fifth Branch, S. B. FOOTE ■ Peerless Science, S. S. BLUME ■ Books Received

Products & Materials

- 214 Ultramicrotome for Electron Microscopy ■ Kit to Determine Optimal Buffer ■ Symbolic Computation for the Macintosh ■ Manual Slide Stainer ■ Precast Gels for PCR ■ Random Primed DNA Labeling Kit ■ Dissolved Organic Carbon Measurement ■ Literature

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Science

251 (4990)

Science **251** (4990), 139-214.

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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. The title *Science* is a registered trademark of AAAS.

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