

115 This Week in *Science*

Editorial

117 Petroleum Research Centers

Letters

119 Scientific Enlightenment: Whose Responsibility?: J. D. ROBINSON ■ Nuclear Reactor Risk Estimates: A. M. WEINBERG ■ ACS Journals and Prices: D. H. M. BOWEN; C. HOLDEN ■ Volts and Bolts: R. B. STANDLER

News & Comment

120 Companies Vie over New Heart Drug
122 Research Council Critiques NASA's Booster Redesign
123 NRC's Political Meltdown
124 *Briefing*: Head of AIDS Panel Named ■ Goslin Leaves NAS
125 IBM's Zurich Lab Is "Flower" in Europe
126 U.K. Lifts Veto on Plans for EEC
127 Weapons Designers Challenge SDI Report

Research News

128 Debate over Potential AIDS Drug
131 Has Stratospheric Ozone Started to Disappear?
133 Associations or Rules in Learning Language?

Articles

143 Human Aging: Usual and Successful: J. W. ROWE AND R. L. KAHN
150 Resonant-Mass Detectors of Gravitational Radiation: P. F. MICHELSON, J. C. PRICE, R. C. TABER
157 Cellular Mechanisms of Epilepsy: A Status Report: M. A. DICHTER AND G. F. AYALA

Research Articles

164 Laser-Stimulated Luminescence Used to Measure X-ray Diffraction of a Contracting Striated Muscle: Y. AMENIYA, K. WAKABAYASHI, H. TANAKA, Y. UENO, J. MIYAHARA

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COVER Resonant-mass gravitational radiation detector. Energetic astrophysical events, such as supernovae, can produce gravity wave pulses that may induce small mechanical strains in the 4800-kilogram aluminum bar. The bar is suspended in a vacuum chamber and cooled to 4.2 kelvins to reduce background noise. See page 150. [Photography by John Long, Palo Alto, CA 94301]

Reports

- 169 Speech Perception Takes Precedence over Nonspeech Perception: D. H. WHALEN AND A. M. LIBERMAN
- 171 Precipitation Fluctuations over Northern Hemisphere Land Areas Since the Mid-19th Century: R. S. BRADLEY, H. F. DIAZ, J. K. EISCHEID, P. D. JONES, P. M. KELLY, C. M. GOODESS
- 175 Detection of Minimal Residual Cells Carrying the t(14;18) by DNA Sequence Amplification: M.-S. LEE, K.-S. CHANG, F. CABANILLAS, E. J. FREIREICH, J. M. TRUJILLO, S. A. STASS
- 178 *erbB-2* Is a Potent Oncogene When Overexpressed in NIH/3T3 Cells: P. P. DI FIORE, J. H. PIERCE, M. H. KRAUS, O. SEGATTO, C. R. KING, S. A. AARONSON
- 182 Variable Occurrence of the *nrdB* Intron in the T-Even Phages Suggests Intron Mobility: J. PEDERSEN-LANE AND M. BELFORT
- 184 The Inversion of Sensory Processing by Feedback Pathways: A Model of Visual Cognitive Functions: E. HARTH, K. P. UNNIKRISHNAN, A. S. PANDYA
- 187 Localization, Secretion, and Action of Inhibin in Human Placenta: F. PETRAGLIA, P. SAWCHENKO, A. T. W. LIM, J. RIVIER, W. VALE
- 190 A Reassessment of *Astraspis desiderata*, the Oldest North American Vertebrate: D. K. ELLIOTT
- 192 Mapping Patterns of *c-fos* Expression in the Central Nervous System After Seizure: J. I. MORGAN, D. R. COHEN, J. L. HEMPSTEAD, T. CURRAN

Book Reviews

- 201 Untold Lives, reviewed by M. B. PARLEE ■ The Vertebrate Neuromuscular Junction, S. SCHUETZE ■ Neurobiology of Taste and Smell, J. G. HILDEBRAND ■ Development as an Evolutionary Process, G. FREEMAN ■ Behavioral Biology of Killer Whales, P. O. THOMAS ■ Books Received

Products & Materials

- 206 Classification and Indexing Software ■ Biological Sample Concentrator ■ Flat-Screen Computer Monitor ■ Thermal Video Line Printer ■ Synthetic Genes ■ Molecular Biology Computer Network ■ Botanic Electronic Bulletin Board ■ Image Analysis System for Photographs ■ Literature

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