

Ribosomal RNA Synthesis and the Multiple, Atypical Nucleoli in Cleaving Embryos: <i>C. P. Emerson, Jr., and T. Humphreys</i>	898
<i>p</i> -Nitrophenyl Phosphate Hydrolysis and Calcium Ion Transport in Fragmented Sarcoplasmic Reticulum: <i>G. Inesi</i>	901
Chromosome Lesions Produced with an Argon Laser Microbeam without Dye Sensitization: <i>M. W. Berns et al.</i>	903
Embryonic and Neoplastic Cell Surfaces: Availability of Receptors for Concanavalin A and Wheat Germ Agglutinin: <i>A. A. Moscona</i>	905
Laser Stimulation of Nerve Cells in <i>Aplysia</i> : <i>R. L. Fork</i>	907
Cell-Free Protein Synthesizing from Yeast Mitochondria: <i>A. H. Scragg et al.</i>	908
Ethacrynic Acid Effect on the Composition of Cochlear Fluids: <i>E. S. Cohn,</i> <i>E. H. Gordes, S. W. Brusilow</i>	910
Sex Pheromone Specificity and Taxonomy of Budworm Moths (<i>Choristoneura</i>) <i>C. J. Sanders</i>	911
Density Gradient Separation of Marrow Cells Restricted for Antibody Class: <i>H. C. Miller and G. Cudkowicz</i>	913
Penicillin as an Epileptogenic Agent: Effect on an Isolated Synapse: <i>G. F. Ayala,</i> <i>W. A. Spencer, R. J. Gumnit</i>	915
Age-Associated Changes in the DNA of Mouse Tissue: <i>G. B. Price, S. P. Modak,</i> <i>T. Makinodan</i>	917
Nest Predation Affecting the Breeding Season of the Clay-Colored Robin, a Tropical Song Bird: <i>E. S. Morton</i>	920
Chemical-Cue Preferences of Newborn Snakes: Influence of Prenatal Maternal Experience: <i>G. M. Burghardt</i>	921
Classical Conditioning of a Complex Skeletal Response: <i>E. Gamzu and</i> <i>D. R. Williams</i>	923
Echolocation in Bats: Signal Processing of Echoes for Target Range: <i>J. A. Simmons</i>	925
<i>Technical Comments:</i> Infectious Goiter: <i>W. T. London and R. L. Vought;</i> Phenylthioacetate as a Stain for Cholinesterase: <i>W. D. McEnroe;</i> Pesticide Concentration in Seawater: <i>D. B. Seba and E. F. Corcoran</i>	928

CARYL P. HASKINS
PHYLLIS V. PARKINS

LEONARD M. RIESER
KENNETH V. THIMANN

WILLIAM T. GOLDEN
Treasurer

WILLIAM BEVAN
Executive Officer

GEOLOGY AND GEOGRAPHY (E)
Ellis L. Yochelson
William E. Benson

BIOLOGICAL SCIENCES (FG)
George Sprugel, Jr.
Richard J. Goss

ANTHROPOLOGY (H)
Ward Goodenough
Anthony Leeds

ENGINEERING (M)
Newman A. Hall
Raynor L. Duncombe

MEDICAL SCIENCES (N)
George B. Koelle
F. Douglas Lawrason

DENTISTRY (Nd)
Henry W. Scherp
Sholom Pearlman

INFORMATION AND
COMMUNICATION (T)
Edward L. Brady
Scott Adams

STATISTICS (U)
Elizabeth Scott
Ezra Glaser

ATMOSPHERIC AND HYDROSPHERIC
SCIENCES (W)
Thomas F. Malone
Louis J. Battan

COVER

Human red blood cell irradiated 13 times with a pulsed argon laser microbeam. Diameter of the cell is about 7 microns. Lesions range in diameter from 0.25 to 0.75 micron. See page 903. [Michael W. Berns and Louis P. Martonyi, University of Michigan, Ann Arbor]

Science

171 (3974)

Science 171 (3974), 846-928.

ARTICLE TOOLS

<http://science.sciencemag.org/content/171/3974.citation>

PERMISSIONS

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

Copyright © 1971 The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works.