

THE AMERICAN JOURNAL of HUMAN GENETICS

VOLUME 29

November 1977

NUMBER 6

- Bloom's Syndrome. VI. The Disorder in Israel and an Estimation of the Gene Frequency in the Ashkenazim. *J. German, D. Bloom, E. Passarge, K. Fried, R. M. Goodman, I. Katzenellenbogen, Z. Laron, C. Legum, S. Levin, and J. Wahrman* 553
- Dosage Effects for Superoxide Dismutase-1 in Nucleated Cells Aneuploid for Chromosome 21. *W. W. Feaster, L. W. Kwok, and C. J. Epstein* 563
- Intrafamilial Correlation Analysis for IgM Serum Levels. *J. Guízar-Vázquez, F. Peña Saint-Martin, I. Rostenberg, P. E. Suárez, and S. Armendares* 571
- Quantitation of the Enzymically Deficient Cross Reacting Material in G_{M1} Gangliosidoses. *Y. Ben-Yoseph, B. K. Burton, and H. L. Nadler* 575
- Detection of Genetic Variation with Radioactive Ligands. I. Electrophoretic Screening of Plasma Proteins with a Selected Panel of Compounds. *L. L. Cavalli-Sforza, S. P. Daiger, and D. P. Rummel* 581
- Detection of Genetic Variation with Radioactive Ligands. II. Genetic Variants of Vitamin D-Labeled Group Specific Component (Gc) Proteins. *S. P. Daiger and L. L. Cavalli-Sforza* 593
- Maternal Effects in Human Cleft Lip and Palate. *G. J. Bingle and J. D. Niswander* 605
- Mucopolysaccharide Accumulation in Cultured Skin Fibroblasts Derived from Patients with Mucopolidosis IV. *G. Bach, M. Ziegler, G. Kohn, and M. M. Cohen* 610
- Congenital Deficiency of Human R-Type Binding Proteins of Cobalamin. *C. A. Hall and J. A. Begley* 619
- Segregation Analysis of Thalassemia in Ferrara. *C. Papi, B. Prampolini, C. Vullo, and I. Barrai* 627
- Brief Communication
- Studies on African Pygmies. V. Red Cell Acid Phosphatase Polymorphism in Babinga Pygmies: High Frequency of ACP^R Allele. *A. S. Santachiara-Benerecetti, G. N. Ranzani, and G. Antonini* 635
- Letters to the Editor
- Inheritance of Metachromatic Leukodystrophy. *U. Langenbeck, P. Dunker, R. Heipertz, and H. Pilz* 639

(Continued on back cover)

Published Bimonthly for

BY THE UNIVERSITY OF CHICAGO PRESS

The American Society

of Human Genetics was organized in 1948. Its purpose is to encourage research in human genetics and to bring into closer association investigators in Canada, Mexico, and the United States who are interested in human genetic research and in related problems. The Society held its first annual meeting in Washington, D.C., September 11–13, 1948. The present constitution was adopted in 1963. The Board of Directors consists of the President, President-Elect, Secretary, Treasurer, the two most recent past presidents, the Editor, and nine other elected members.

BOARD OF DIRECTORS

President
ARNO G. MOTULSKY, M.D.
University of Washington
Seattle, Washington

President-Elect
ALFRED G. KNUDSON, JR., M.D.,
PH.D.
Institute for Cancer Research
Philadelphia, Pennsylvania

Secretary
HOPE H. PUNNETT, PH.D.
St. Christopher's Hospital for
Children
Philadelphia, Pennsylvania

Treasurer
LILLIAN L. LOCKHART, M.D.
University of Texas Medical Branch
Galveston, Texas

Editor
WILLIAM J. MELLMAN, M.D.
University of Pennsylvania
Philadelphia, Pennsylvania

President 1975
JOHN L. HAMERTON, D.SCI.
Winnipeg Children's Hospital
Winnipeg, Manitoba, Canada

President 1976
BARTON CHILDS, M.D.
Johns Hopkins University
Baltimore, Maryland

Elected Members

DAVID L. RIMOIN, M.D., PH.D.
Harbor General Hospital
Torrance, California

MARGARET THOMPSON, PH.D.
Hospital for Sick Children
Toronto, Ontario, Canada

ARTHUR D. BLOOM, M.D.
Columbia University
New York, New York

PHILIP J. FIALKOW, M.D.
University of Washington
Seattle, Washington

PATRICIA A. JACOBS, D.SCI.
University of Hawaii
Honolulu, Hawaii

FREDERICK HECHT, M.D.
University of Oregon
Portland, Oregon

JUDITH A. BROWN, PH.D.
Medical College of Virginia
Richmond, Virginia

LEON E. ROSENBERG, M.D.
Yale University
New Haven, Connecticut

R. NEIL SCHIMKE, M.D.
Kansas University
Kansas City, Kansas

(Continued from front cover)

Piebald Trait in a Retarded Child with Interstitial Deletion of Chromosome 4. <i>Y. Lacassie, T. F. Thurmon, M. C. Tracy, and M. Z. Peliás</i>	641
Adenosine Deaminase Deficiency: Another Family with a "Silent" ADA and Normal ADA Activity in Two Heterozygotes. <i>S.-H. Chen, C. R. Scott, E. R. Giblett, and A. S. Levin</i>	642
Book Reviews	645
News and Comments	
The Interregional Cytogenetic Register System. <i>G. H. Prescott, M. L. Rivas, L. Shanbeck, D. W. Macfarlane, H. E. Wyandt, W. R. Breg, H. Lubs, R. E. Magenis, R. Summitt, F. Hecht, W. Kimberling, and D. Clow</i>	654
Erratum: <i>M. A. Spence, R. S. Sparkes, J. R. Heckenlively, J. T. Pearlman, D. Zedalis, M. Sparkes, M. Crist, and S. Tideman</i> , Probable Genetic Linkage between Autosomal Dominant Retinitis Pigmentosa (RP) and Amylase (AMY ₂): Evidence of an RP Locus on Chromosome 1 (<i>Am J Hum Genet</i> 29:397–404, 1977)	592
Editorial Referees	657
Books Received	660
Announcements: International Symposium on Genetic Diseases among Ashkenazi Jews, 570; Bar Harbor Course in Medical Genetics, 574; Postgraduate Course in Medical Genetics, 644; Journal of the Society for the Study of Social Biology, 653; Employment and Fellowship Opportunities, 658	
Program and Abstracts, Annual Meeting of the American Society of Human Genetics, San Diego, California, October 19–22, 1977	1A-127A
Index to Volume 29	661
