

Proceedings of the First International Symposium on Twin Studies

Rome, September 4-7, 1969

Acta Geneticae Medicae et Gemellologiae (1970), 19: 1-2

I. TWINS AND SCIENCE

L. GEDDA

Twins and Science

II. TWINS AND POPULATION STUDIES

N. C. MYRIANTHOPOULOS

A Survey of Twins in a Large, Experimental Population

D. CASA, M. T. LUN

The Empiric Risk of Plural Births

I. MACGILLIVRAY

The Changing Incidence of Twinning in Scotland from 1939 to 1968

G. ALLEN, J. SCHACHTER

Variables affecting Twin Birth Rates in the United States

G. IKONOMOV, M. IKONOVA

Twins in Bulgaria

III. GENETICS OF TWINNING

P. P. S. NYLANDER

The Inheritance of Twinning

D. CASA, M. T. LUN

Weight at Birth of Brothers and Sisters of Twins

H. K. GOSWANI

Studies of Twins. IV - Twinning in Madhya Pradesh

IV. ZYGOSITY DETERMINATION

G. KOCH et al.

Die Bedeutung der Chromosomenuntersuchungen für die Konkordanz-Diskordanzanalyse bei Zwillingen

P. P. S. NYLANDER

Placental Forms and Zygosity Determination of Twins in Ibadan, Nigeria

G. CARELS et al.

Analyse Electroencéphalographique chez les Jumeaux

E. DEFRISE-GUSSENHOVEN

Probability of DZ Twins among Blood Group-Concordant Twins

V. TWIN STUDIES AND CANCER

L. KEITH, E. R. BROWN

Cancer in Twins

R. P. MARTYNOVA

Some Considerations about Twin Zygosity and Concordance Determination in Cancer Research

L. KEITH, E. R. BROWN

The Incidence of Lymphoma in Twins

R. CEDERLÖF et al

Cancer in MZ and DZ Twins

VI. TWIN STUDIES IN GROWTH AND SENESCENCE

L. GEDDA, G. BRENCI

Chronological Development of Bone and Teeth. A Twin Study

I. GATTI

Feeding of Twins in the First Month of Life

M. V. STACK

Comparison of Weights of Twin Foetuses and of their Incisors

A. VENERANDO, M. MILANI-COMPARETTI

Twin Studies in Sports and Physical Performance

VII. MULTIPLE CONCEPTION AND PREGNANCY

D. HEWITT, A. STEWART

Relevance of Twin Data to Intra-Uterine Selection: Special Case of Childhood Cancer

L. GEDDA et al

Diabetes and Gemellogenesis

R. DEROM, M. THIERY

Fetal Hypoxia in Second Twins

M. THIERY et al

Leukocytic Infiltration of the Umbilical Cord in Twins

G. IKONOMOV

Position of the Fetus of Twins

I. MACGILLIVRAY

Changes in Maternal Body Composition resulting from Twin Pregnancies

R. WENNER

Die Bedeutung der Gefässanastomosen in Zwillingsplacenten für die Diagnose der Zygote und für die Entwicklung der Kinder

L. GEDDA, M. BOLOGNESI

Twinning in Induced Fertility and Sterility

VIII. TWIN STUDIES IN METABOLISM AND ENDOCRINOLOGY

W. GUALADRI et al

Twin Studies on Ceruloplasmins Polymorphism

L. GEDDA et al

La Curva di Glicolisi Spontanea nel Sangue

L. GEDDA et al

A Study of Leukocyte Alkaline Phosphatase (L.A.P.) in Twins

L. GEDDA, R. TATARELLI

On the Genetic Control of Glutathionemia: a Twin Study

D. HOSENFELD, E. DRÖSSLER

Serum Enzymes in Twins

J. R. STABENAU, H. MIRSKY

A Study of Thyroid Hormone in Children and Adolescents in a Series of MZ and DZ Twins and their Siblings

H. M. FOX et al

Correlations between Steroid-Excretion Patterns and Personality Structure in 21 Pairs of MZ Twins

IX. METHODOLOGY OF TWIN STUDIES

L. A. HURST

The Twin-Family Method in Psychiatric Genetics illustrated from the Investigations of Franz J. Kallmann

D. W. FULKER, J. L. JINKS

Comparative Analyses of Twin Data

L. GEDDA et al

Twin Models

T. BONADONNA, G. SUCCI

L'Impiego dei Gemelli nella Sperimentazione Zootecnica

G. ALLEN

Models of Proband Concordance Rates for Twins in a Clinical Series

E. DEFRISE-GUSSENHOVEN

Multivariate Analysis in Twins

X. TWINS IN HUMAN GENETICS

G. HADJIDEKOV, G. IKONOMOV

Comparative Roentgenologic-Morphological and Roentgenologic-Metric Studies of the Skeleton in Twins

P. PARISI et al

Heredity and Environment in Finger and Palm Prints. A Twin Study

U. PFÄNDLER

La Signification Statistique de la Concordance chez les Jumeaux Uni et Bivitellins

S. VRYDAGH-LAUREUX

Distances Généralisées des Dermatoglyphes de Jumeaux

G. GAFFURI

Osservazioni sulla Sensibilità Gustativa alla Paraetossifeniltiocarbamide in Gemelli MZ e DZ

G. GAFFURI

Il Disadattamento Sociale: Rilievi su Gemelli MZ e DZ

G. GAFFURI

La « Deficienza Marginale » in Gemelli MZ e DZ

XI. TWIN STUDIES AND CYTOGENETICS

M. LAMY et al

La Double Fécondation chez l'Homme

L. GEDDA, G. BRENCI

A Twin Study of the Genetic Conditioning of the Mitotic Index and the Association Index of Acrocentric Chromosomes

J. BAUKE

Cytogenetic Studies of a Patient with Chronic Myelocytic Leukemia and his non-Leukemic Identical Twin

L. GEDDA et al

Variability of the Centromeric Index of Group A and Group B Chromosomes in MZ and DZ Twins

G. ROSCA et al

Cytogenetic Study of Twin Girls with Ulcerous Hypertensive Father

R. TURPIN

Le Monozygotisme Hétérocaryote

U. BIGOZZI et al

Incidenza del Fenomeno Gemellare nelle Fratrie di Soggetti con Disgenesia Gonadica

XII. TWINS AND MALFORMATIONS

G. JÖRGENSEN et al

Thalidomidembryopathie in Twins. A Collaborative Study

R. DEROM et al

Congenital Malformations in MZ Twins

L. GEDDA et al

Genetic Criteria for the Classification of Malformations. A Twin Study

G. B. CALLAHAN, R. MITCHELL

Conjoined Siamese Twins, Genetics Data through Six Generations

G. DEL PORTO, A. DEL PORTO-MERCURI

Malformations in Man. A Twin Study

N. NEAGU et al

La Pagisation, Accident du Développement Gémellaire

S. PRUZANSKY et al

Twins with Clefts

XIII. TWIN STUDIES AND IMMUNOLOGY

L. LOJDA, L. CERNY

Chromosome Chimerism and Skin Grafts in Bovine Twins and a Shift in the Sex-Ratio of their Progeny

M. BOLOGNESI, M. MILANI-COMPARETTI

Twinning and Blood Groups. I - ABO Frequencies in Twins and Controls; Immunological Considerations

C. C. PLATO

The Role of Xg^a Blood Group Incompatibility in Fetal Loss: Twin Study

A. O. CARBONARA et al

The Serum Ig Level in Human Twins

M. MILANI-COMPARETTI

Allergy in Twins: an Anamnestic Study

XIV. TWIN STUDIES IN CARDIOVASCULAR DISEASES

R. H. OSBORNE

The Genetic Control of Blood Pressure under Experimental Stress

M. FEINLEB et al

The National Heart Institute Twin Study

B. HARVALD, M. HAUGE
Coronary Occlusion in Twins

G. JÖRGENSEN
Twin Studies in Congenital Heart Diseases

XV. TWINS IN MEDICAL GENETICS

R. CAVALIERI
The Twin Clinical Method in Dermatology

L. GEDDA et al
Primary Enuresis studied by the Twin Method

V. ILEA et al
Vascular and Gastric Secretory Reactivity Changes in a MZ Twin Couple

F. H. REULING, J. T. SCHWARTZ
Heritability of the Effect of Corticosteroids on Intraocular Pressure

L. GEDDA et al
Concordant Glaucoma in MZ Twins

XVI. TWIN STUDIES IN PSYCHOLOGY

S. TORGERSEN, E. KRINGLEN
Blood Pressure and Personality Differences in MZ Twins

G. J. S. WILDE
An Experimental Study of Mutual Behaviour Imitation and Person Perception in MZ and DZ Twin Pairs: Implications for an Experimental-Psychometric Analysis of Heritability

S. G. VANDENBERG
A Comparison of Heritability Estimates of U.S. Negro and White High School Students

G. TURI et al
Application of the Twin Method to the Analysis of Behavior and Motor Conditioning

L. GEDDA et al
Determination of the Hereditary Component in Individual Reaction Times

G. OANCEA-URSU
Genetic Components in Motivational Aspects of Character at 85 Pairs of Twins (44 MZ, 41 DZ Pairs) and 38 Pairs of Siblings

F. BARRON
Inheritance of Esthetic Judgment and Creative Thinking Abilities

XVII. TWIN STUDIES IN PSYCHIATRY AND NEUROPATHOLOGY (A)

W. POLLIN
The Unique Contribution of Twin Studies to the Elucidation of non-Genetic Factors in Personality Development and Psychopathogenesis

M. POLLACK
A Comparison of Twin and Sibling Studies for a Developmental Theory of Schizophrenia

L. R. MOSHER et al
Family Studies of Identical Twins Discordant for Schizophrenia: Neurological Findings

N. JUEL-NIELSEN, T. VIDEBECH
A Twin Study of Suicide

J. JANCAR

Twins with Mental Retardation and Physical Abnormalities

E. ESSEN-MÖLLER

Twenty-one Psychiatric Cases and their MZ Cotwins, a Thirty Years' Follow up

XVIII. TWIN STUDIES IN PSYCHIATRY AND NEUROPATHOLOGY (B)

L. BRACONI

Obsessive Neurosis in Twins

K. O. CHRISTIANSEN

Results from a Study of Criminality among Twins

L. BRACONI

A Contribution to the Study of Schizophrenia in Twins

XIX. TWIN STUDIES AND EPIDEMIOLOGY OF EXOGENOUS DISEASES

F. DI RAIMONDO et al

A Clinical-Epidemiological Approach to Virus Hepatitis in Twins

M. HAUGE et al

A Twin Study of the Influence of Smoking on Morbidity and Mortality

F. DI RAIMONDO et al

Poliomyelitis in Twins: a Contribution to the Genetics of Infectious Diseases

XX. TWIN REGISTERS AND INTERNATIONAL COOPERATION

E. SCHIÖTTZ-CHRISTENSEN

Computer Selection of Twin Pairs

J. T. SCHWARTZ

A Twin Register for Eye Studies. Value of International Cooperation

L. GEDDA, M. MILANI-COMPARETTI

Twin Registers: a Progress Report

R. CEDERLÖF et al

The Swedish Twin Register

Permanent Committee for the International Congresses of Human Genetics

Following the death of its President, the late Professor A. Franceschetti, the members of the Permanent Committee for the International Congresses of Human Genetics decided to elect new officers by a mail vote.

In a preliminary phase, the following candidates were nominated: Professor F. C. Fraser; Professor M. Lamy; Professor J. V. Neel; Professor C. Stern.

Election forms were circulated to all members and the following votes were received:

For President:

Fraser 7 votes
Lamy 5 votes
Neel 3 votes
Stern 1 vote

For Vice-President:

Lamy 9 votes
Fraser 6 votes
Neel 6 votes
Becker 5 votes
Stern 3 votes

Since the Statutes (cf *Acta Genet. Med. Gemellol.*, **15**:436-439, 1966) rule that the Committee should have one President and two Vice-Presidents, the officers of the Committee are elected as follows:

President: Prof. F. C. Fraser

Vice-Presidents: Professors M. Lamy and J. V. Neel

Prof. LUIGI GEDDA
Secretary General

*The Permanent Committee for the International Congresses
of Human Genetics announces:*

Fourth International Congress of Human Genetics

Paris, Sept. 1-6, 1971

*The Permanent Committee for the International Congresses of Human
Genetics has chosen Paris as the seat for the Fourth Congress.*

*The French Organizing Committee has indicated September 1-6, 1971
as the tentative dates of the Congress.*

*The Chairman of the Organizing Committee is Professor Maurice Lamy
(who is also the French representative in the Permanent Committee);
Professor Jean Frézal is Secretary General.*

A provisional program is being prepared and will be circulated shortly.

*Correspondence concerning the coming Congress should be addressed
as follows:*

QUATRIÈME CONGRÈS INTERNATIONAL
DE GÉNÉTIQUE HUMAINE

FOURTH INTERNATIONAL CONGRESS
OF HUMAN GENETICS

Clinique de Génétique Médicale
Hôpital des Enfants Malades
149 rue de Sèvres
Paris 15, France

THE « CENTRO AUXOLOGICO ITALIANO DI PIANCAVALLO » (MILAN)
AND THE « GREGOR MENDEL » INSTITUTE OF MEDICAL GENETICS
AND TWIN RESEARCH (ROME)

are glad to announce the publication of the new periodical:

ACTA MEDICA AUXOLOGICA

INTERNATIONAL JOURNAL ON HUMAN GROWTH

Editor L. Gedda

Acta Med. Auxol., 1: 2, 1969

Editorial

- Gedda L., Bolognesi M., Brenci G.: **Sulla gravidanza protratta.**
- Wolanski N., Jarosz E.: **Sequence and age of some permanent teeth eruption.**
- Vecchio F., Guanti G.: **Un caso di cromosoma X ad anello.**
- Morabito F., Lombardo T.: **Osservazioni sul trattamento dei ritardi della crescita con il medrossiprogesterone acetato.**
- Kabarity A., Berquet K. H., Dann P., Pfitzner W.: **Charakteristische familiäre Missbildungen mit dem Karyotyp 46, XX lat t (Ap+) mat.**
- Cacciaguerra F.: **Percezione, auxologia e idea di sé.**
- Reisman L. E., David L. A., Cook L. N.: **Diastrophic dwarfism in identical twins.**

Bibliographical review.

Acta Med. Auxol., 1: 3, 1969

Editorial

- Singh R.: **Growth in the head dimensions of the Punjabi boys aged 11 to 18 years.**
- Palmari V., Gnudi A., Coscelli C., Baronchelli A., Butturini U.: **Comportamento della insulinemia nei soggetti magri per perdita di peso.**
- Tiwari S. C., Kalla A. K.: **A study of the skin colour changes during adolescence among the females.**
- Cacciaguerra F., Morabito F.: **Rapporti tra sviluppo somatico e sviluppo intellettuale.**
- Cacciaguerra F.: **Direzionalità e difficoltà motorio-fonetica nella dislessia.**

Bibliographical review.

ACTA MEDICA AUXOLOGICA

Via Ariosto 13, 20145 Milano

Piazza Galeno 5, 00161 Roma

NOVITÀ 1969

Ching Chun Li

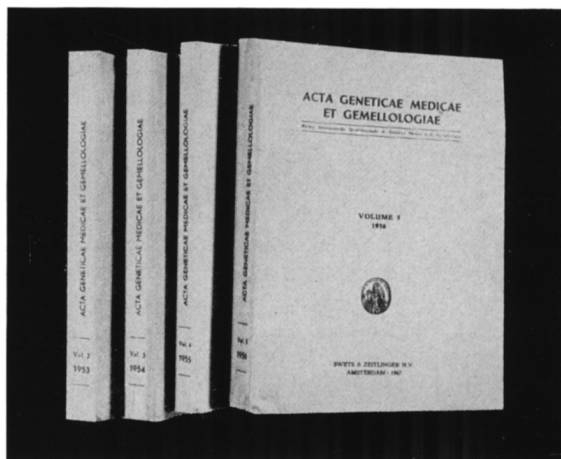
*Principi e metodi
della Genetica Umana*

Le leggi della famiglia - Le leggi della popolazione - Studio della popolazione e delle famiglie - Alleli multipli e tipi sanguigni - Caso indice e frequenza di recessivi - Associazione e rischio relativo - Semplici modelli di equilibrio - Due coppie di loci e linkage - Mutazione e selezione - Endogamia e matrimoni tra cugini - Varianza dei caratteri quantitativi - Correlazione tra parenti.

L. 5000 \$ 8.00

Edizioni dell'Istituto «Gregorio Mendel» - Roma

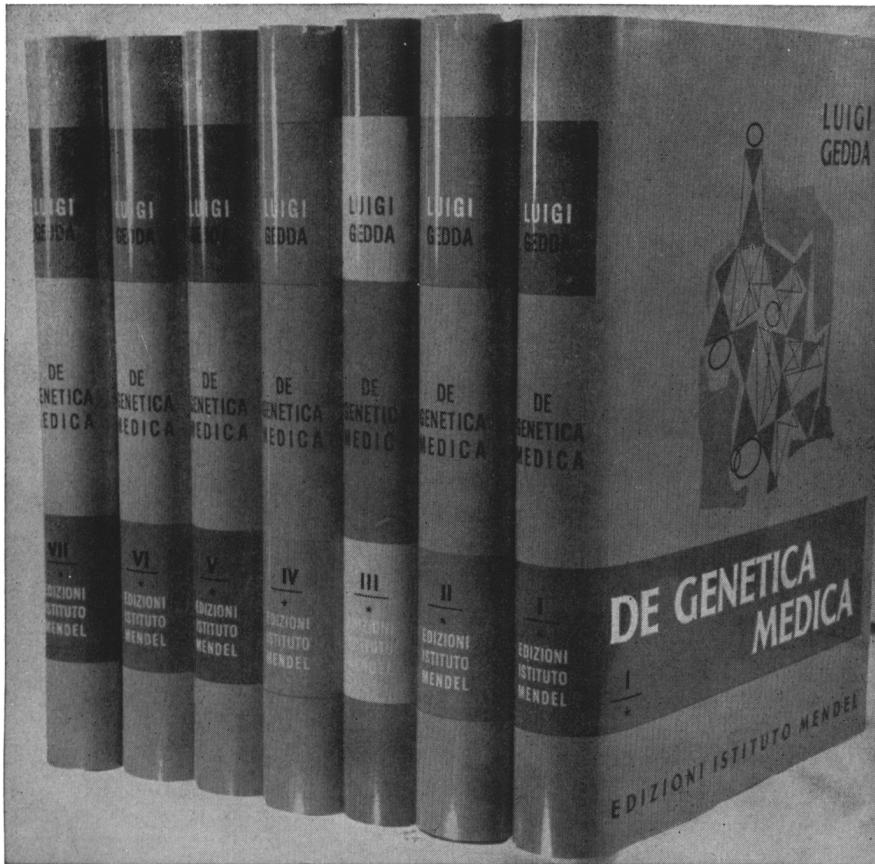
ACTA GENETICAE MEDICAE ET GEMELLOLOGIAE



Volumes I to V (1953-1955) republished

SWETS & ZEITLINGER N.V.
AMSTERDAM - 1967

*Réimprimé avec le consentement de l'Istituto di Genetica Medica
e Gemellologia «Gregorio Mendel», Roma*



DE GENETICA MEDICA

A. Anastasi, D. Andreani, G. Badtke †, J. Bauer, J. Böök, R. Cavalieri, D. de Castro, K.-H. Degenhardt, J. de Grouchy, P. de Nicola, E. de Toni, G. de Toni, M. Fraccaro, A. Franceschetti †, J. François, F. C. Fraser, G. R. Fraser, S. M. Garn, R. R. Gates †, L. Gedda, G. Giunchi, H. Grebe, E. Hanhart, H. W. Jürgens, F. J. Kallmann †, D. Klein, A. Koopmans, G. Korkhaus, M. Lamy, C. A. Larson, J. Lejeune, R. Luchsinger, F. Mainx, O. Mangold †, A. Manuila, C. F. Mayer, M. Mitolo †, G. Morganti, N. Pasetto, G. Pescetto, D. A. Price-Evans, U. Pfändler, S. C. Reed, F. Ronchese, G. Sansone, A. G. Searle, A. Serra, E. Silvestroni, M. Schachter, U. Schaefer, J. Schaeuble †, A. Sorsby, R. M. Stecher, U. Teodori, R. Turpin, P. J. Waardenburg, A. S. Wiener, and others.

L. 18000 - \$ 30.00 per volume

EDIZIONI ISTITUTO MENDEL - ROMA

ANALECTA GENETICA

1. **Genetica Medica**

Proceedings of the First International Symposium of
Medical Genetics (Rome 1953)

2. **Chondrodysplasie (Hans Grebe)**

3. **Krampfbereitschaft (Gerhard Koch)**

4. **Il parto indolore**

Proceedings of an International Symposium on
Painless Childbirth (Rome 1956)

5. **Anestesia e persona umana**

Proceedings of an International Symposium on
Anesthesia (Rome 1957)

6. **Genetica della tubercolosi e dei tumori**

Proceedings of the Second International Symposium
of Medical Genetics (Turin 1957)

7. **L'hérédité moléculaire (Jean De Grouchy)**

8. **Consulenza in genetica medica (Sheldon C. Reed)**

9. **Meticcio di guerra**

(L. Gedda, A. Serio, A. Mercuri)

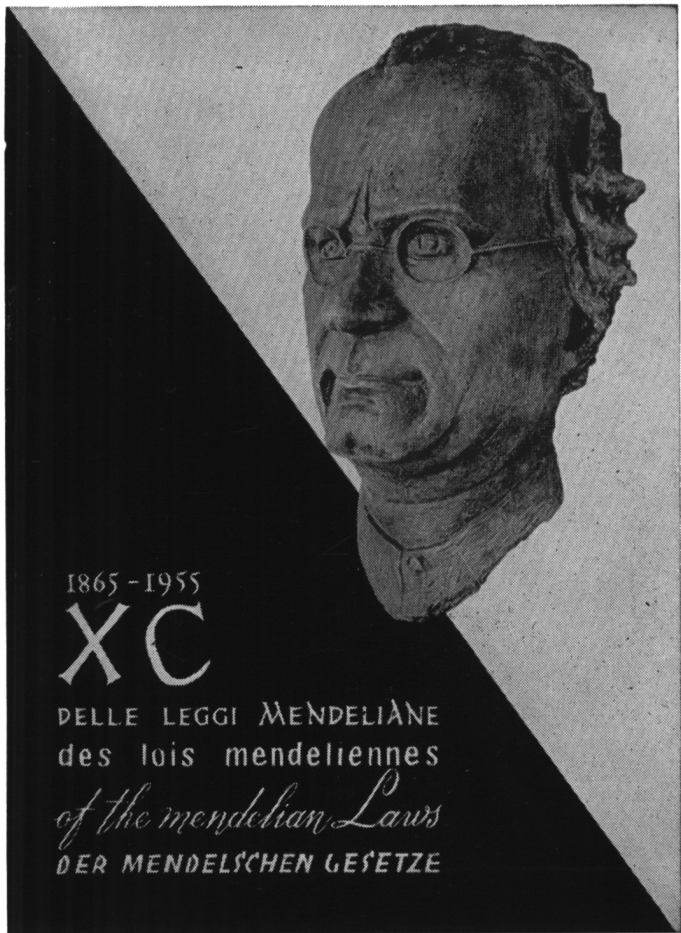
10. **I gemelli della Val D'Aosta (L. Gedda, S. Bérard- Magistretti, G. Brenci, F. Magistretti)**

L. 10000 - \$ 16.00 per volume

EDIZIONI ISTITUTO MENDEL - ROMA

NOVANT'ANNI

delle Leggi Mendeliane



L. 15000 \$ 25.00

EDIZIONI ISTITUTO MENDEL
ROMA

Così cominciò la Genetica

«... I pensieri dell'Abate Mendel erano quelli di un figlio di agricoltori che amava . . . leggere nei fenomeni della natura con il codice dell'algebra . . . Così cominciò la genetica »

G. J. MENDEL: Ricerche sugli ibridi delle piante

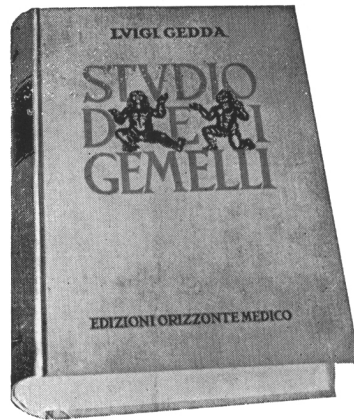
Serie di Conferenze organizzate dall'Istituto Mendel
in occasione del Centenario Mendeliano

Brünn, 1865 – Roma, 1965

- G. BARIGOZZI: Le unità ereditarie da Mendel a oggi
G. MONTALENTI: Mendel e la genetica di popolazione
L. L. CAVALLI-SFORZA: Da Mendel alla genetica umana moderna
F. D'AMATO: La genetica vegetale da Mendel a oggi
L. GEDDA: Da Mendel alla genetica clinica
L. GEDDA: La contemplazione e la scienza

L. 5000 - \$ 8.00

ACTA GENETICAE MEDICAE ET GEMELLOLOGIAE



STUDIO DEI GEMELLI

(Study of Twins)

L. 15000 - \$ 25.00

SELECTA MEDICA

1. Medicina auxologica
Proceedings of a Symposium on Growth and
Medicine (Rome, 1959)
2. Stati ipersessuali e terapia
Proceedings of a Symposium on Hypersexual
Conditions (Rome, 1960)
3. Sport e salute
Proceedings of International Symposia on Sports
Medicine (Rome, 1960)

L. 10000 - \$ 16.00 per volume

EDIZIONI ISTITUTO MENDEL - ROMA

CONTRIBUTORS

AMIEL J. L., Villejuif
ANGLESIO E., Torino
ARMSTRONG J. G., Indianapolis
ASTALDI G., Tortona
BASERGA A., Ferrara
BOLLAG W., Basel
BRULÉ G., Villejuif
CALCIATI A., Torino
CAMELLO V., Torino
CARDINALI G., Roma
CARDINALI G., Roma
CATTAN A., Villejuif
CENTURELLI G., Roma
COLARIZI A., Roma
COOPER E. H., London
DE BARBIERI A., Milano
DIGILIO G., Roma
DI MARCO A., Milano
DINI E., Napoli
DONELLI M. G., Milano
DUSTIN P., Bruxelles
ELSON L. A., London
ERIDANI S., Milano
FIESCHI A., Genova
GARATTINI S., Milano
GAVOSTO F., Torino
GEDDA L. Roma
GERHARTZ H., Berlin
GIANGRANDE A., Milano
HAMPEL K. E., Berlin
HANE S., Villejuif
INTROZZI P., Pavia
MARINONE G., Pavia
MATHÉ G., Villejuif
MONTUORI R., Napoli
MORASCA L., Milano
MULTARI G., Roma
PEGORARO L., Torino
PHILIPS F. S., New York
PILERI A., Torino
PONTI G. B., Milano
QUAGLINO D., Modena
QUATTRIN N., Napoli
RAINISIO C., Milano
REINHARDT G., Freiburg
ROSSO R., Milano
SACCHETTI C., Genova
SCHLUMBERGER J. R., Villejuif
SCHNEIDER M., Villejuif
SCHWARTZ H. S., New York
SCHWARZENBERG L., Villejuif
SEIDEL H. J., Elberfeld
STECHE G., Freiburg
STEGAGNO G., Roma
STERNBERG S. S., New York
STORTI E., Modena
TAGLIORETTI D., Milano
THOM R., Berlin
TISO R., Milano
TOPPING N. E., London
TRALDI A., Modena
VALENTINI R., Milano

ADVANCES IN ANTIMITOTICS

*Proceedings of the First
International Symposium
on Antimitotics*

Rome, May 14-15, 1966

EDITED BY

L. Gedda, G. Cardinali, P. Parisi

L. 10000 - \$ 16.00

ACTA GENETICAE MEDICAE ET GEMELLOLOGIAE

THE AMERICAN JOURNAL OF HUMAN GENETICS

Official Journal of the American Society of Human Genetics
A. G. Motulsky, M. D. Editor - Division of Medical Genetics

University of Washington
School of Medicine - Seattle, Washington 98105

The American Journal of Human Genetics is a bimonthly publication providing a record of research and review relating to heredity in man and to the application of genetic principles in medicine, anthropology, psychology, and the social sciences. The Journal has been published continuously since 1949. The editor and his staff of assistants will be glad to consider manuscripts pertaining to human genetics.

Correspondence pertaining to membership in The American Society of Human Genetics should be addressed to the Secretary of the Society, Dr. Carl J. Witkop, The University of Minnesota School of Dentistry, Minneapolis, Minnesota 55455.

The subscription price per six-issue volume is \$ 15.00 (\$ 16.00 outside U.S.A.). Single numbers cost \$ 3.00.

Subscriptions to **The American Journal of Human Genetics** or information pertaining to subscriptions should be addressed to:

The University of Chicago Press
5750 Ellis Avenue - Chicago Illinois 60637.

HUMAN HEREDITY

Index Vol. 19, No. 3, 1969

- Walter, H. and Steegmüller, Hildegard* (Mainz): Studies on the Geographical and Racial Distribution of the Hp and Gc Polymorphisms.
- Ehnholm, C.* (Helsinki): The Distribution of Haptoglobin Subtypes in the Finnish Population.
- Shih, L.-Y. and Hsia, D. Y.-Y.* (Chicago, Ill.): The Distribution of Genetic Polymorphisms Among Chinese in Taiwan.
- Gaffney, P. J. and Lehmann, H.* (Cambridge): Residual Enzyme Activity in the Serum of a Homozygote for the Silent Pseudocholinesterase Gene.
- Berg, K.* (Oslo): Genetic Studies of the Adenylate Kinase (AK) Polymorphism.
- Beckman, L.; Beckman, G.* (Umeå); *Mi, M. P. and De Simone, J.* (Honolulu, H.I.): The Human Placental Amino Acid Naphthylamidases, Their Molecular Interrelations and Correlations with Perinatal Factors.
- Beckman, L.; Beckman, G.* (Umeå) and *Mi, M. P.* (Honolulu, H.I.): The Relation Between Human Placental Alkaline Phosphatase Types and Some Perinatal Factors.
- Monn, E.* (Oslo): Red Cell Phosphoglucomutase (PGM) Types of Norwegian Lapps. Characteristic Gene Frequencies and Variant Types.
- Monn, E.* (Oslo): Human Red Cell Phosphoglucomutase (PGM) Types in Norway.
- Henningsen, K.* (Copenhagen); *Jacobsen, Petrea* (Brejning) and *Mikkelsen, Margareta* (Glostrup): B-F Chromosome Translocation Associated with Father-Child Incompatibility within the Gc-System.
- Orye, E.; Coetsier, H. and Hoof, C.* (Gent): A Probable Pericentric Inversion of a G/G Translocation Chromosome in a Mentally Retarded Child with Mongoloid Traits.
- Tsuboi, T. and Nilsen, J.* (Risskov): Dermatoglyphic Study of Six Patients with the XYY Syndrome.
- Farley, F. H.* (Madison, Wisc.): Comment on Low Intelligence and Month of Birth.
- Agrawal, H. N.* (HarDOI, U.P.): An Anthropological Study of the Shompens of Great Nicobar.

S. KARGER — 4000 BASEL 11 (SWITZERLAND) — NEW YORK

ANNOUNCEMENT
OF THE
TENTH INTERNATIONAL
CANCER CONGRESS

May 22-29, 1970

in

Houston, Texas
United States of America

*UNDER THE AUSPICES OF INTERNATIONAL
UNION AGAINST CANCER*

The Congress will feature following events:
Preliminary Special Sessions of the Congress
Congress Lectures
Panel Discussions
Sectional Meetings with Proffered Papers
on Variety of Topics or Subjects
Scientific Exhibits
Commercial Exhibits
Films

NATIONAL ORGANIZING COMMITTEE

Secretariat

The University of Texas M. D. Anderson Hospital and Tumor Institute
6723 Bertner Avenue

P. O. Box 20465, Astrodome Station
Houston, Texas 77025

Cable Address: CANCONG

Chairman:
R. Lee Clark, M.D.

Secretary General, Tenth Congress:
Murray M. Copeland, M.D.



Proceedings of the Second International Congress of Human Genetics

- Volume I**
- Introduction and History of the Congress
 - From Mendelian to Molecular Genetics in Man
 - Population Genetics, Mutation and Natural Selection
 - Methods in Human Genetics
 - Twins and Human Genetics
 - Inheritance of Normal Quantitative and Qualitative Human Traits
 - Microbial and Biochemical Genetics
- Volume II**
- Genetic and Biochemical Aspects of Human Serum Factors
 - Blood Groups
 - Clinical Genetics
 - Chromosome Genetics
 - Cancer, Leukemia and Ionizing Radiations
- Volume III**
- Malformations
 - Dermatoglyphics
 - Neurological Genetics
 - Psychological and Behavioral Genetics
 - Psychiatric Genetics
 - Hereditary Diseases of the Sense Organs
 - Genetic Counseling and Public Health

L. 10000 - \$ 16.00 per vol.

L. 22000 - \$ 36.00 compl.

EDIZIONI ISTITUTO MENDEL - ROMA

*Third International Congress
on Neuro-Genetics
and Neuro-Ophthalmology*

Brussels 1970

The Third International Congress on Neuro-Genetics and Neuro-Ophthalmology is being organized under the auspices of the World Federation of Neurology, and particularly by its « Research Committee ».

It will be held in Brussels from the 25th to the 29th of August, 1970.

The themes of this Congress will be: « Aminoacids pathology » and « Agammaglobulinemias ». The official languages will be English and French.

Requests for participation and for further information should be addressed to the Secretary of the Organizing Committee:

Prof. PIERRE DANIS
15 Avenue de la Folle Chanson
Brussels 5 - Belgium

INTERNATIONAL GENETICS FEDERATION

An International Genetics Federation was organized at the Business Session of the XII International Congress of Genetics in Tokyo, Japan, on August 28, 1968. The new Federation will be essentially an association of societies having their main interest in genetics. There will be at least one representative of each Member Society on the Representative Council which will determine policies of the Federation and elect a seven-member Executive. The Genetics Section of the International Union of Biological Societies elected at the Business Session of the Tokyo Congress will serve as the Interim Representative Council of the new Federation which is expected to assume the functions of the Genetics Section of the IUBS. The objectives of the new Federation include the promotion of advancement of the science of genetics on an international scale through a variety of activities. The following members of the Interim Executive were elected by the Interim Representative Council in Tokyo: *President* - Y. Tazima; *Secretary* - J. W. Boyes; *Treasurer* - O. H. Frankel; *Members* - J. V. Neel, M. S. Swaminathan and D. Lewis. Professor S. J. Geerts is *ex-officio* a member as Past-President of the Genetics Section. Societies wishing to associate themselves in the new Federation are invited to communicate with the Secretary, Professor J. W. Boyes, Department of Genetics, McGill University, Montreal 110, P. Q., Canada.

Acta Genetica et Statistica Medica

Editor: M. Hauge, København. **Editorial Board:** L. van Bogaert, Anvers - J. A. Böök, Uppsala - R. Ceppellini, Torino - A. Franceschetti, Genève - J. A. Fraser Roberts, London - J. Mohr, København - H. Nachtsheim, Berlin - J. V. Neel, Ann Arbor, Mich. - R. Turpin, Paris.

Acta Genetica et Statistica Medica appears bimonthly; 1 volume of 6 numbers is issued annually. Subscription price per volume sFr./DM 125.- or US \$ 30.-, including postage.

Contents Vol. 18, No. 5 (1968)

Beckman, L.; Beckman, G. (Honolulu, H. I.); **Bergman, S.** and **Lundgren, E.** (Umeå): Isozyme Variations in Human Cells Grown *in vitro*. II. Acid Phosphatase. — **Fu, Linda; Azevêdo, Eliane** and **Morton, N. E.** (Honolulu, H. I.): Evidence Against the Reported Linkage of Phosphoglucosyltransferase (PGM₁) and Phenylthiocarbamide-Tasting (PTC). — **Gedde-Dahl, T., Jr.** and **Monn, E.** (Oslo): A Note on the PGM₁-PTC Linkage Relation — **Walter, H.** and **Bajatzadeh M.** (Mainz): Studies on the Distribution of the Human Red Cell Acid Phosphatase Polymorphism in Iranians and Other Populations — **Jong, W. W. W. De** and **Ment, L. N.** (Leiden): Haemoglobin J_{Baltimore} ($\alpha_2\beta_2^{16} \text{gly} \rightarrow \text{asp}$) and Haemoglobin D_{Punjab} ($\alpha_2\beta_2^{121} \text{glu} \rightarrow \text{gnI}$) in Two Dutch Families — **Ackerman, D. R.** (Ann Arbor, Mich.): A Possible Role of Secretor - ABO Interactions in the Maintenance of Variability at the I Locus — **Salzano, F. M.; Rocha, F. J. Da** and **Tondo, C. V.** (Pôrto Alegre): Hemoglobin Types and Gene Flow in Pôrto Alegre, Brazil — **Serafini, N. A.; Serra, A.; Fagiolo, E.** and **Schinco, G.** (Rome): Haptoglobin Phenotype and Gene Frequencies in the Population of Rome — **Hallberg, T.** (Lund): Gm(1), Gm(2), Gm(4) and Gm(5) in a Korean Population — **Nerell, H.** (Stockholm): The Ability to Secrete ABH Antigen in the Saliva and its Relation to the Gc Serum System — **Bishun, N. P.** (London): Karyotype-Phenotype Correlation in a Series of Females with Amenorrhoea — **Fischer, Margit** (Aarhus) and **Haslund, J.** (Vodskov): Severe Mental Retardation in Turner's Syndrome and an Additional Mosaic with a Centric Chromosome Fragment — **Herrlin, K. M.** (Stockholm) and **Hauge, M.** (Copenhagen): Some Anthropological Traits in an Unselected Series of Triplets — **Chakravartti, M. R.** (Heidelberg): Hairy Pinnae in Indian Populations.

S. Karger

Basel (Switzerland)

New York

Sedi in:

AGRIGENTO
ANCONA
BOLOGNA
CALTAGIRONE
CALTANISSETTA
CATANIA
ENNA
FIRENZE
GENOVA
MESSINA
MILANO
PALERMO
RAGUSA
ROMA
SIRACUSA
TERMINI IMERESE
TORINO
TRAPANI
TRIESTE
VENEZIA

BANCO DI SICILIA

247 Succursali ed Agenzie

Uffici di Rappresentanza a:

BRUXELLES
COPENAGHEN
FRANCOFORTE SUL MENO
LONDRA
NEW YORK
PARIGI
ZURIGO

Sezioni speciali per il:

CREDITO AGRARIO E PESCHERECCIO
CREDITO MINERARIO
CREDITO FONDIARIO
CREDITO INDUSTRIALE
FINANZIAMENTO DI OPERE PUBBLICHE

ISTITUTO DI CREDITO DI DIRITTO
PUBBLICO

PRESIDENZA E AMMINISTRAZIONE CENTRALE
IN PALERMO
UFFICIO DI RAPPRESENTANZA IN ROMA

PATRIMONIO L. 74.351.148.324

Direttore responsabile: Prof. LUIGI GEDDA
Autorizzazione del Tribunale di Roma N. 2481 — 9 gennaio 1952

TIPOGRAFIA POLIGLOTTA VATICANA