

© 1987 Associazione Istituto di Genetica Medica e Gemellologia Gregorio Mendel Piazza Galeno 5 00161 Roma, Italy

CONTENTS

Volume 36 • Number 1 • 1987

1 New Frontiers of Gemellology

by L. Gedda

5 Prospects for Detecting Genotype × Environment Interaction in Twins with Breast Cancer

by N.G. Martin, L.J. Eaves, A.C. Heath

- 21 Innovations in the Statistical Analysis of Twin Studies by J.L. Hopper, P.L. Derrick, C.A. Clifford
- 29 Constrained Maximum Likelihood Analysis of Familial Resemblance of Twin and Their Parents

by D.I. Boomsma, P.C.M. Molenar

- 41 The Analysis of Marital Interaction in Cross-Sectional Twin Data by A.C. Heath
- 51 Spectral Analysis of Twin Time Series Designs by P.C.M. Molenaar, D.I. Boomsma
- 61 The Vietnam Era Twin (VET) Registry: Method of Construction by S. Eisen, W. True, J. Goldberg, W. Henderson, C.D. Robinette
- 67 The Vietnam Era Twin (VET) Registry: Ascertainment Bias by J. Goldberg, W. True, S. Eisen, W. Henderson, C.D. Robinette
- 79 Design and Sampling Considerations, Response Rates, and Representativeness in a Finnish Twin Family Study by J. Kaprio, R.J. Rose, S. Sarna, H. Langinvainio, M. Koskenvuo, H. Rita, K. Heikkilä
- 95 Current Research on Multiple Births

Volume 36 • Number 2 • 1987

- 115 In Memoriam Ronald S. Wilson
- 121 A New Method for Representing Mental Growth by R.S. Wilson
- **135 Developmental Research of Twin's Temperament** by A.P. Matheny Jr.
- 145 Longitudinal Research on Temperament in Twins by A.M. Torgersen
- 155 Nature-Nurture Interaction in Different Types of School Environments. A Longitudinal Study

by S. Fischbein

- 165 Restrictiveness-Permissiveness of Their Environment as Perceived by Kibbutz Twins and Singletons by R. Guttman, M. Nathan, A. Esrachi
- 171 Multivariate Analysis of Genetic and Environmental Influences for Longitudinal Height and Weight Data by S. Fischbein, N.L. Pedersen
- 183 Birthweight Differences, The Transfusion Syndrome and The Cognitive Development of Monozygotic Twins by P.J. O'Brien, D.A. Hay
- 197 Growth Characteristics in Twins and Higher Order Multiple Births by J.M.H. Buckler, J.B. Buckler
- 209 Weight and Height Growth in Twins and Children Born in The Last Decade by A. Alfieri, I. Gatti, A.C. Alfieri
- 213 Speech and Language Development in Preschool Twins by D.A. Hay, M. Prior, S. Collett, M. Williams
- 223 The Expectation and Parentage of Twins. A Study on The Language Development of Twin Infants by B. Alin-Åkerman
- 233 Autonomous Languages of Twins by P. Bakker
- 239 Early Influences on The School Social Adjustment of Twins by D.A. Hay, P.J. O'Brien

249 Dominance and Submissiveness Between Twins. I: Perinatal and Developmental Aspects

by I. Moilanen

- 257 Dominance and Submissiveness Between Twins. II: Consequences for Mental Health by I. Moilanen
- 267 Family History and Birthweight in Monozygotic Twins Concordant and Discordant for Psychosis

by S.W. Lewis, B. Chitkara, A.M. Reveley, R.M. Murray

Volume 36 • Number 3 • 1987

- 275 Race, Zygosity, and Mortality Among Twins: Interaction of Myth and Method by C.E. Boklage
- 289 Toward a Theory of Human Multiple Birthing: Sociobiology and r/K Reproductive Strategies by J.P. Rushton
- 297 Statistical Models for the Twinning Rate by J.O. Fellman, A.W. Eriksson
- 313 The Non-Decline in U.S. Twin Birth Rates, 1964-1983 by G. Allen
- 325 The Recent Trends in Multiple Births and Stillbirth Rates in Japan by Y. Imaizumi
- 335 Epidemiological Characteristics of Twinning Rates in Taiwan by C.-J. Chen, T.-M. Lin, C. Chang, Y.-J. Cheng
- 343 Twinning and Inbreeding in India: The Fraternal Component by H.K. Goswami
- 349 Excessive Twinning in a Rural American Genealogy: The Demographic Pedigree by J.W. Sheets
- 355 Twinning in New England in the 17th-19th Centuries by T. Miura, H. Kawana, K. Nonaka
- 365 Incidence of Twinning in London from 1581 to 1760 by K. Nonaka, T. Miura
- 373 Alternate Changes in Birth Seasonality of Twins During 1971-1984 in Japan by I. Nakamura, Y. Amau, K. Nonaka, T. Miura

- 381 Cyclic Variations of Twin Births at Isle-aux-Coudres: A Case/Control Approach by P. Philippe
- 389 The Monozygotic Twinning Rate: Is It Really Constant? by G. Allen, Z. Hrubec
- 397 Increasing Trend in the Monozygotic Twinning Rate by W.M.A. Bressers, A.W. Eriksson, P.J. Kostense, P. Parisi
- 409 Does the Use of Oral Contraception Depress DZ Twinning Rates? by D. Campbell, B. Thompson, C. Pritchard, M. Samphier
- 417 Zygosity and Placental Structure in Monochorionic Twins by G. Mortimer
- 421 The Organization of the Oocyte and Embryogenesis in Twinning and Fusion Malformations by C.E. Boklage
- 433 The Possible Role of Homeotic Genes in the Causation of Malformations in Monozygotic Twins
 by D.B. Flannery

Volume 36 • Number 4 • 1987

- 437 In Memoriam P.R.J. Burch
- 439 Twin Studies of Coronary Heart Disease and Its Risk Factors by K. Berg
- 455 Genetic and Environmental Control of Blood Pressure in Twins and Their Family Members

by P.V. Tishler, F.I. Lewitter, B. Rosner, F.E. Speizer

- **467** A Family Study of Developmental Effects upon Blood Pressure Variation by J. Sims, D. Carroll, J.K. Hewitt, J.R. Turner
- 475 A Developmental Hypothesis for Adult Blood Pressure by J.K. Hewitt, D. Carroll, J. Sims, L.J. Eaves
- 485 Blood Pressure Discordance and Lifestyle: Japanese Identical Twins Reared Apart and Together by K. Hayakawa, T. Shimizu
- 493 Smoking and Drinking Discordance and Health Condition: Japanese Identical Twins Reared Apart and Together by K. Hayakawa

503 Cardiovascular Reflexes in Monozygotic Twins Discordant for Exposure to Organic Solvents

by E. Matikainen, J. Juntunen, M. Koskenvuo, M. Antti-Poika, J. Kaprio

- 509 Intrapair Similarity of Immunoglobulin Levels in Twins by K. Kouvalainen, I. Moilanen
- 517 Twin Studies on Urinary Pepsinogen A Phenotypes and Serum Pepsinogen A Levels by J.C. Pronk, D.I. Boomsma, G. Pals, R.R. Frants, M. Overbeke, S.G.M. Meuwissen, J.F. Orlebeke, A.W. Eriksson
- 523 Ophthalmic Diseases in Twins: A Nationwide Record Linkage Study of Hospital Discharges and Free Medications for 16,067 Twin Pairs by J.M. Teikari, J. Kaprio, M. Koskenvuo, A. Vannas
- 535 Twin Study on Myopia by L.L.-K. Lin, C.-J. Chen
- 541 Genetic and Environmental Variation in Menstrual Cycle: Histories of Two British Twin Samples

by O.B.A. van den Akker, G.S. Stein, M.C. Neale, R.M. Murray

- 549 Genetic Variance Estimates and Familial Resemblance for Body Size Traits by K. Sharma
- 557 Incidence of Double Occipital Hair Whorls in Twins and Singletons by K. Sharma
- 561 Atrial Activity and Cardiovascular Response to Stress in Triplets: Short Case Report by S. Villatico Campbell, F. Di Maio, A. Scioli, A. Sciacca, G. Brenci, L. Gedda
- 563 High-Resolution Electrocardiography in Twins Affected by Situs Viscerum Specularis: Short Case Report by S. Villatico Campbell, F. Di Maio, M.E. Silvotti, A. Sciacca, G. Brenci, L. Gedda
- 565 Teratomorphism in the Urinary Tract of MZ Twins: Short Case Report by L. Gedda, G. Brenci
- 567 Unusual Vascular Malformation of the Kidney in Both Twins of a Monozygotic Pair: Short Case Report

by G. Mastroberardino, A. Sciarra, R. Gualtieri, C. Di Fusco, P. Grammatico, G. Del Porto

- 571 Meckel-Gruber Syndrome in One of Nonidentical Twins: Short Case Report by I.I. Juabeh, A. Thalji, A. Dudin
- 573 Current Research on Multiple Births
- 593 Author Index to Volume 36
- 595 Subject Index to Volume 36

. .

EDI.PRESS Via Chieti, 26 – Roma Tel. 86.33.93

https://doi.org/10.1017/S0001566000004517 Published online by Cambridge University Press