

Contents

Volume 28 • Number 1 • 1979

- 1 **Editorial. Acta Geneticae Medicae et Gemellologiae: Twin Research**
by Luigi Gedda
- 3 **Twin Concordance. A More General Model**
by G. Allen, Z. Hrubec
- 15 **Twin Azygotic Test for the Study of Hereditary Qualitative Traits in Twin Populations**
by L. Gedda, C. Rossi, G. Brenci
- 21 **The Problem of Determining Twin Zygoty for Epidemiological Studies**
by C. Gavin Fairpo
- 35 **Testing Twin Means and Estimating Genetic Variance. Basic Methodology for the Analysis of Quantitative Twin Data**
by Joe C. Christian
- 41 **Effects of Type of Placentation on Birthweight and its Variability in Monozygotic and Dizygotic Twins**
by L.A. Corey, W.E. Nance, K.W. Kang, J.C. Christian
- 51 **The Acardiac Anomaly. New Case Reports and Current Status**
by C. Kaplan, K. Benirschke

SHORT NOTES

- 61 **Variability of Plantar Zygodactylous Triradii in Monozygotic and Dizygotic Twins**
by G. Aue-Hauser, H. Lebioda, H. Szczotka, R. Wytek
- 67 **Association of Handedness and Birth Order in Monozygotic Twins**
by J.C. Christian, D.S. Hunter, M.M. Evans, F.M. Standeford
- 69 **Is Weinberg's Differential Rule Valid?**
by William H. James
- 73 **The First Five Years of the Budapest Twin Register, 1970–1974**
by A. Czeizel, I. Pazonyi, J. Météki, M. Tomka

LETTERS TO THE EDITOR

- 77 **Twin Zygoty Diagnosis by Genetic Systems – An Efficiency Evaluation. A Comment to a Paper by Selvin (1977)**
by Ranajit Chakraborty
- 80 **A Reply to Chakraborty**
by Steve Selvin

BOOK REVIEW

- 81 **Rune Cederlöf et al: The Interactions of Smoking, Environment, and Heredity and Their Implications for Disease Etiology: A Report of Epidemiological Studies on the Swedish Twin Registries**
by Zdenek Hrubec

IN MEMORIAM

- 83 **James Shields, 1918–1978**
by Irving I. Gottesman
- 91 **ANNOUNCEMENT**