

## ERB- UND UMWELTFAKTOREN BEI NEUROSEN

*Tiefenpsychologische Untersuchungen an 50 Zwillingspaaren*GENETIC AND ENVIRONMENTAL FACTORS  
IN NEUROSES*In-Depth Psychological Analysis of 50 Twin Pairs*

By Heinz Schepank (Heidelberg, GFR). Springer-Verlag, Berlin-Heidelberg-New York 1974. Vol. 11 in the Psychiatry Series edited by H. Hippus, W. Janzarik, M. Müller. Hard cover, 16.5 × 24 cm, VIII + 227 pp, 1 illustration and 82 tables. Price: DM 89.00/US \$ 34.30.

An extensive survey of the literature and the results of an in-depth psychological analysis of 50 index twins, drawn from a neurotic population, and of their 50 cotwins (21 MZ) lead to the conclusion that alternative decision for either heredity or environment as the sole determinant in the development of neurosis is inadequate, and that both hereditary and environmental factors are involved in the neurotic process.

## CRIMINAL BEHAVIOR

*An Introduction to its Study and Treatment*

By Herschel Prins (Leicester, GB). Pitman Publishing 1973. Hard or soft cover, 13.5 × 21.5 cm, XII + 245 pp. Price: hard cover, £ 2.50 (approximately US \$ 6.00); soft cover, £ 1.50 (approximately US \$ 3.50).

An introductory text dealing with crime from the point of view of social and medical factors, including genetic ones. Special categories of offenders, the court system and the sentencing process, and the effectiveness of the penal system and of social work, are also considered.

THE XYY-SYNDROME AND KLINEFELTER'S  
SYNDROME*Investigations into Epidemiology, Clinical Picture, Psychology, Behavior and Genetics*

By Jan-Diether Murken (München, GFR). Georg

*Acta Genet. Med. Gemellol.* (1975), 24: 178

Thieme Verlag, Stuttgart 1973. Vol. 2 in the series, Topics in Human Genetics, edited by P.E. Becker, W. Lenz, F. Vogel, G.G. Wendt. Soft cover, 17 × 24 cm, VIII + 86 pp, 5 illustrations and 21 tables. Price: DM 44 (approximately US \$ 17.60).

A survey of the literature and the results of a direct chromosome analysis on 2596 probands, including various samples of both normal and socially, mentally or physically deviant subjects, lead to conclude that there is no essential difference between the deviant, social conduct of Klinefelter-patients and that of 47, XYY males, so that the hypothesis of a causal link between the excess Y-chromosome and aggressiveness is rejected.

## METHODS IN HUMAN CYTOGENETICS

Edited by H.G. Schwarzacher (Wien, Austria) and U. Wolf (Freiburg i. Br., GFR). Coeditor of the English version: E. Passarge. Springer-Verlag, Berlin-Heidelberg-New York 1974. Hard cover, 15.5 × 23 cm, XV + 295 pp, 59 illustrations. Price: DM 72.00/US \$ 29.40.

The original German edition of this book, *Methoden in der medizinischen Cyto-genetik*, has been considerably revised and enlarged, so that the present volume now includes 12 chapters, each written by individual specialists, on the following subjects: cell cultures from blood and bone marrow; cell cultures from tissue explants; culture and preparation of cells from amniotic fluid; preparation of metaphase chromosomes; fluorescence microscopy of chromosomes and interphase nuclei; banding patterns in human chromosomes visualized by Giemsa staining after various pretreatments; autoradiography of human chromosomes with 3H-thymidine; the human karyotype: analysis of chromosomes in mitosis and evaluation of cytogenetic data; analysis of interphase nuclei; the diagnosis of X-chromatin by the leukocyte test; chromosomes in meiosis; marginal notes on the handling of tissue culture cells for biochemical analysis.