

BOOK REVIEW

Heredity of Concomitant Strabismus. (Untersuchungen über die Heredität des Strabismus concomitans). By S. RICHTER. 1967. Pp. 88, 17 figs, refs. Thieme, Leipzig. (Abhandl. Geb. Augenheilk. Samml. 35) (£1 13s. 1d.)

The author concludes that the heredity of strabismus cannot be explained by the affection of a single dominant or recessive gene. Otherwise squint would be much more frequent. Multiple factors must act together, and these may be composed of subfactors, which as in the case of the refraction are not simple conditions but results of multiple influences. The refraction resulting from the optical effect of cornea, lens, and axial length is, according to Franceschetti, a function of the independent heredity of these partial factors. The complicated paths of inheritance are illustrated by the findings in monozygotic twins, who show concordance in squint in 94 per cent., but in respect of amblyopia and retinal correspondence in only 43 and 44 per cent. Richter attempted to eliminate from her investigations all children whose brothers and sisters were known to squint. Obviously, at least some of these brothers and sisters in whom the strabismus was not manifest, must have inherited stigmata allied thereto. It would have been interesting if she could have given the probable reason why squinting did not occur in individual cases. In the same way as lack of an enzyme may produce alkaptonuria, squint may be caused by the hereditary absence, weakness, or neutralization of several genes which normally govern together the development of the sensory motor co-operation of both eyes.

NOTES

IV INTERNATIONAL CONGRESS OF ULTRASONOGRAPHY IN OPHTHALMOLOGY *Philadelphia, May, 1968*

The IV International Congress of Ultrasonography in Ophthalmology will be held in Philadelphia, Pennsylvania, U.S.A., from May 23 to 25, 1968, under the auspices of Wills Eye Hospital and Temple University School of Medicine. Scientific sessions will include basic and clinical aspects of diagnostic and therapeutic ultrasound as well as related problems in biomedical engineering. Preliminary abstracts and exhibits should be submitted by *January 1, 1968*, to the General Secretary:

Dr. L. K. Sarin, 1601 Spring Garden Street, Philadelphia, Pa. 19130, U.S.A.

VIII PAN-AMERICAN CONGRESS OF OPHTHALMOLOGY *Mar del Plata, March 24 to 30, 1968*

The official subject of the VIII Pan-American Congress will be the "Treatment of Complications in Ocular Globe Surgery". All correspondence must be addressed to:
VIII Congress Panamericano de Oftalmologia, Casilla de Correo 27 (Suc. 12), Buenos Aires, Argentina.

III FAR EAST GRADUATE COURSE IN OPHTHALMOLOGY *Manila, Philippine Islands, 1969*

The III Far East Graduate Course in Ophthalmology will be held from January 27 to February 7, 1969, in Manila, Philippine Islands. All interested ophthalmologists should direct inquiries to: Whitney G. Sampson, M.D., 530 West 20th Street, Houston, Texas 77008, U.S.A.

QUEEN VICTORIA HOSPITAL, EAST GRINSTEAD, SUSSEX *Corneo-Plastic Unit and Regional Eye Bank*

Mr. T. A. Casey, M.Ch., F.R.C.S., D.O., has been appointed to succeed the late Sir Benjamin Rycroft. The scope and character of the specialized work at this Unit will thus remain unchanged.

CORRECTION

In the article by B. Ashworth (*Brit. J. Ophthalm.*, 1967, **51**, 689), in the key to the Figure on p. 700, for "Absolute scotoma 20 mm. white", please read "Absolute scotoma 5 mm. white".