The Gregor Mendel Institute of Medical Genetics and Twin Research, Rome (Director: Prof. L. Gedda)

Concordant Glaucoma in MZ Twins*

L. Gedda, L. Scullica, A. Accardi

The Authors report a 54-year-old male MZ twin pair with two single-born relatives suffering from glaucoma.

The twins are concordant as to glaucoma, but onset of the disease in the first-born occurred 20 years later than in the second-born. This high chronological difference is ascribed to the hardships the latter twin had suffered for three years in Africa.

The meaning of anticipation is discussed in the light of modern views on the time dimensions of the unit of inheritance (chronon).**

* The full paper will be published on a forthcoming issue of this journal.

** Cf. L. Gedda, G. Brenci (1969). Biology of the gene: the ergon/chronon system. Acta Genet. Med. Gemellol., 18: 329-379.

Prof. L. GEDDA, Istituto di Genetica Medica e Gemellologia Gregorio Mendel, Piazza Galeno 5, 00161 Roma, Italy.

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