

Contents

Introduction to the Symposium	
M. Fraccaro	1
Clinical Aspects of Down's Syndrome from Infancy to Adult Life	
Marlis Tolksdorf and H.-R. Wiedemann.....	3
Down's Syndrome: Problems of Immunodeficiency	
A. G. Ugazio	33
Dermatoglyphic Peculiarities in Down's Syndrome Detection of Mosaicism and Balanced Translocation Carriers	
A. Rodewald, K. D. Zang, H. Zankl, and M. Zankl	41
Pathology of Trisomy 21	
Helga Rehder	57
Down's Syndrome and the Family	
Ann Gath	75
Asking for a Prenatal Diagnosis After the Birth of a Child with Down's Syndrome	
Nadine Fresco and Danièle Silvestre	81
Vingt Ans Après	
J. Lejeune	91
Nondisjunction	
C. E. Ford	103
Experiments on Chiasmata and Nondisjunction in Mice	
P. E. Polani	145
Gene Mapping and Chromosome 21: History and Methodology	
E. B. Robson	147
Functional Implications of Gene Dosage Effects in Trisomy 21	
C. J. Epstein, L. B. Epstein, D. R. Cox, and J. Weil	155

Structural Variation of Chromosome 21 and Symptoms of Down's Syndrome Marie-Odile Rethoré	173
Prenatal Losses of Trisomy 21 J. Boue, C. Deluchat, H. Nicolas, and A. Boue.	183
Incidence of Down's Syndrome in Sweden During the years 1968 - 1977 J. Lindsten, L. Marsk, K. Berglund, L. Iselius, N. Ryman, G. Annerén, B. Kjessler, F. Mitelman, I. Nordenson, J. Wahlström, and L. Vejlsø	195
Epidemiology of Trisomy 21 Population, Peri- and Antenatal Data Margareta Mikkelsen	211
Abstracts of the Poster Presentations.	227
Author Index of Abstracts.....	261
Subject Index	263