

## Contents

<b>Preface</b>	v
<b>Acknowledgements</b>	x
<b>Clinical genetics</b>	1
Dosage compensation of the X chromosome and Turner syndrome <i>M.K. Cheng, D.K. Nguyen and C.M. Disteche</i>	3
Testing for sex chromosome mosaicism in Turner syndrome <i>D.L. Van Dyke and A.E. Wiktor</i>	9
Clinical implications of overt and cryptic Y mosaicism in individuals with dysgenetic gonads <i>P.G. McDonough and S.P.T. Tho</i>	13
Genomic imprinting in Turner syndrome <i>C.A. Bondy</i>	21
Issues in prenatal counseling and diagnosis in Turner Syndrome <i>M.L. Loscalzo, C.A. Bondy and B. Biesecker</i>	26
<b>Growth and development</b>	31
Growth and growth hormone treatment in Turner syndrome <i>M.L. Davenport and S.M.P.F. de Muinck Keizer-Schrama</i>	33
Autoimmune diseases in Turner syndrome <i>L. Mazzanti and R.W. Naeraa</i>	42
Ophthalmological and otological problems in Turner syndrome <i>P. Saenger, H. Nussbaum and B. Lippe</i>	49
Lymphatic, tooth and skin manifestations in Turner syndrome <i>D.F. Gunther and V.P. Sybert</i>	58

The growth hormone (GH) and insulin-like growth factor (IGF) system in girls and women with Turner syndrome <i>W. Kiess, J. Kratzsch and R. Pfaeffle</i>	63
Physiologic induction of puberty in Turner syndrome with very low-dose estradiol <i>R.L. Rosenfield, W. Kiess and S. de Muinck Keizer-Schrama</i>	71
<b>Psychosocial development</b>	81
The cognitive phenotype of Turner syndrome: Specific learning disabilities <i>M.M.M. Mazzocco</i>	83
Social and behavioral development of girls and women with Turner syndrome <i>E. McCauley and V. Sybert</i>	93
Adult women with Turner syndrome: A systematic evaluation of current and past psychiatric illness, social functioning, and self-esteem <i>P.J. Schmidt, D.R. Rubinow and C.A. Bondy</i>	100
<b>Congenital cardiovascular disease</b>	109
Spectrum of cardiovascular abnormalities in Turner syndrome <i>C.A. Bondy, M.L. Loscalzo and D.R. Rosing</i>	111
Vasculopathy in Turner Syndrome <i>J.E. Ostberg and G.S. Conway</i>	117
Monitoring of congenital heart disease (CHD) and aortic dilatation in Turner syndrome: Italian experience <i>L. Mazzanti, D. Prandstraller, R. Fattori, L. Lovato, A. Cicognani and Italian Study Group for Turner Syndrome (ISGTS)</i>	123
Making treatment decisions for those with congenital heart disease in Turner syndrome: The need for evidence-based medicine <i>M. Silberbach</i>	131
<b>Adulthood</b>	137
The epidemiology of Turner syndrome <i>C.H. Gravholt and K. Stochholm</i>	139
Hepatic disease in Turner syndrome <i>D. Roulot and D. Valla</i>	146

Diabetes and lipid disorders <i>B.E. Hjerrild and C.H. Gravholt</i>	152
Bone density and fractures in Turner syndrome <i>V.K. Bakalov, J. Foodim and C.A. Bondy</i>	160
How many eventually develop hypothyroidism? A 5-year follow-up of Turner syndrome <i>K. Landin-Wilhelmsen, M. El-Mansoury, I. Bryman, K. Berntorp, C. Hanson and L. Wilhelmsen</i>	168
Hypertension and ischemic cardiovascular disease in Turner syndrome <i>C.H. Gravholt and B. Hjerrild</i>	174
Ovarian hormone treatment in adults with Turner syndrome <i>G.S. Conway</i>	180
Fertility and pregnancy aspects in Turner syndrome <i>O. Hovatta, J. Hreinsson, M. Fridström and B. Borgström</i>	185
The risk of oocyte donation in patients with Turner syndrome <i>M.F. Karnis</i>	190
<b>Author index</b>	197
<b>Keyword index</b>	199