

Contents

Foreword		5
Chapter 1	The origin of the Tornblad Institute in Lund. Ivar Broman and Hjalmar Tornblad	7
Chapter 2	The building and its history	11
Chapter 3	Descriptive, comparative and experimental embryology	14
Chapter 4	Cell and tissue culture	22
Chapter 5	Cytogenetics.	27
Chapter 6	Cellular immunology	
Chapter 7	Congenital malformations. The Swedish Register of Congenital Malformations	30
Chapter 8	The International Clearinghouse for Birth Defects Monitoring Systems	44
Chapter 9	Reproduction epidemiology. The Malmö study and national health registers	47
Chapter 10	Epidemiology of congenital malformations	50
Chapter 11	Prenatal diagnosis and elective abortion of malformed fetuses	52
Chapter 12	Pregnancy dating with sonography	54
Chapter 13	Smoking during pregnancy	56
Chapter 14	Maternal overweight and obesity	60
Chapter 15	Maternal occupation and pregnancy outcome	62
Chapter 16	Socioeconomic factors and pregnancy outcome	66
Chapter 17	Environmental effects on pregnancy outcome	68
Chapter 18	Maternal diseases and pregnancy outcome	70
Chapter 19	Maternal drug use during pregnancy and pregnancy outcome	74
Chapter 20	In vitro fertilization	78

Chapter 21	Infant mortality	80
Chapter 22	Twinning	82
Chapter 23	Long-term development of children	84
Chapter 24	Very preterm infants and the EXPRESS study	92
Chapter 25	Obstetric and pediatric studies	93
Chapter 26	Economy of the Tornblad Institute	95
Publication list for Bengt Källén		97
Publication list for Karin Källén		123