

Contents

	<i>List of contributors</i>	page vii
	<i>List of participants</i>	ix
	<i>Preface</i>	xi
	Y. W. (Charlie) Loke	
	Chair's introduction	1
	Anne McLaren	
1	Trophoblast cell fate specification	3
	Discussion	
	James Cross	
2	Stem cells: pluripotency and extraembryonic differentiation in the mouse	15
	Discussion	
	Tilo Kunath	
3	Epigenetic regulation of trophoblast development	33
	Discussion	
	P. Hajkova, S. E. Erhardt and M. A. Surani	
4	Regulation of X-chromosome inactivation in relation to lineage allocation in early mouse embryogenesis	46
	Discussion	
	Neil Brockdorff	
	General discussion I	65
5	Gestational trophoblastic disease	74
	Discussion	
	R. A. Fisher and N. J. Sebire	

6	Trophoblast and the first trimester environment	111
	Discussion	
	Graham J. Burton and Eric Jauniaux	
7	Implantation is a sticky situation	132
	Discussion	
	Olga Genbacev, Akraporn Prakobphol, Russell A. Foulk and Susan J. Fisher	
8	Trophoblast regulation of maternal endocrine function and behaviour	148
	Discussion	
	E. B. Keverne	
	General discussion II	169
9	Molecular signalling in embryo-uterine interactions during implantation	173
	Discussion	
	S. K. Dey and Susanne Tranguch	
10	Trophoblast and pre-eclampsia	194
	Discussion	
	C. W. G. Redman, I. L. Sargent and E. A. Linton	
11	Trophoblast and uterine mucosal leukocytes	223
	Discussion	
	Ashley Moffett	
12	Immunology of trophoblast: a reappraisal	242
	Discussion	
	Y. W. (Charlie) Loke	
	Final general discussion	261
	<i>Index</i>	267