DESCRIPTION

This comprehensive and authoritative book discusses the critical role of the utero-placenta in neurodisability, both at term and preterm. It examines aspects of fetal compromise and possible cerebro-protective interventions, recent evidence on fetal growth and mental illness, as well as cerebro-therapeutics. Throughout the book, information from the basic sciences placed within the clinical context.

- Written by leading obstetricians, neonatologists, paediatricians and pathologists.

- Discusses the role of placenta in the pathophysiology of CNS

- Examines recent evidence of endocrine, haematological and inflammatory origins of utero-placental dysfunction

- Reviews latest advances in antepartum and perinatal imaging

ABOUT THE AUTHOR

Dr Ian Crocker is a senior scientist within the Maternal and Fetal Health Research Centre in Manchester, UK. He is an NIHR Fellow, with a 10-year research focus on the human placenta. He is a member of the Maternal Medicine Clinical Studies Group, part of the Comprehensive Clinical Research Network, treasurer of the Blair Bell Society, the research arm of the Royal College
of Obstetricians and Gynaecologists, editorial board member of the journal *Placenta*, and 2006 recipient of the prestigious Gabor Than Award from the International Federation of Placental Associations, for his outstanding contributions to placental research.

**Dr Martin Bax** worked in community paediatrics for 40 years. He is Emeritus Reader in Child Health at Imperial College London and Honorary Consultant Paediatrician at the Chelsea and Westminster Hospital campus. Dr Bax was for many years the senior editor of Developmental Medicine and Child Neurology. He co-edited the third edition of Aicardi's *Diseases of the Nervous System in Childhood*. Until recently he was the Scientific Director of the Castang Foundation, a charity dedicated to investigating the causes and prevention of childhood neurodisability. He is president of the Society for the Study of Behavioural Phenotypes.

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