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Bashir M. Matata **United Kingdom**

Co-Editor:

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e Molecular Basis for the Link between Maternal Health and the ain of Fetal Congenital Abnormalities An Overview of Association with Oxidative Stress

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About the ebook

This e-book discusses the molecular relationship between biological systems and risk factors for in-utero oxidative insults, maternal health and the impact on fetus at different critical developmental time windows (prenatal or even postnatal). This e-book should be a valuable reference for medical researchers and working professionals interested in congenital defects.

Contents

- Fetal Programming of Disease Process in Later Life- Mechanisms beyond Maternal Influence
- Maternal Nutrition and its Effects on Offspring Fertility and Importance of the Periconceptional Period on Long-Term Development
- Fetal Programming of Hypothalamic-Pituitary-Adrenal Axis by Synthetic Glucocorticoids
- Epigenetic Developmental Origins Hypothesis and Oxidative Stress
- Endothelial Dysfunction during Cardiac Development: A Heart to Heart Discussion of the Significance of the Nitrosative-Oxidative
- Fetal and Neonatal Programming in Current Practice
- Oxidative Stress and its Role in Prepubertal Children

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