This significant new publication on genomic or parental imprinting has been prepared by an outstanding team of international authorities and supported by the distinguished Nobel foundation. Genomic imprinting results in the preferential expression of one allele, depending on the parent of origin. It is associated with several disease syndromes in humans. Interest in this area has expanded rapidly from the time when it was first recognized that some aspects of inheritance were not adequately explained by the Mendelian laws.

The chapters cover a wealth of material to help explain not only the mechanisms of genomic imprinting but also its biological and medical consequences. This interdisciplinary volume encompasses clinical genetics, pathology, developmental biology, evolution and genetics. It will be an essential resource for all scientists and clinicians working in these areas.