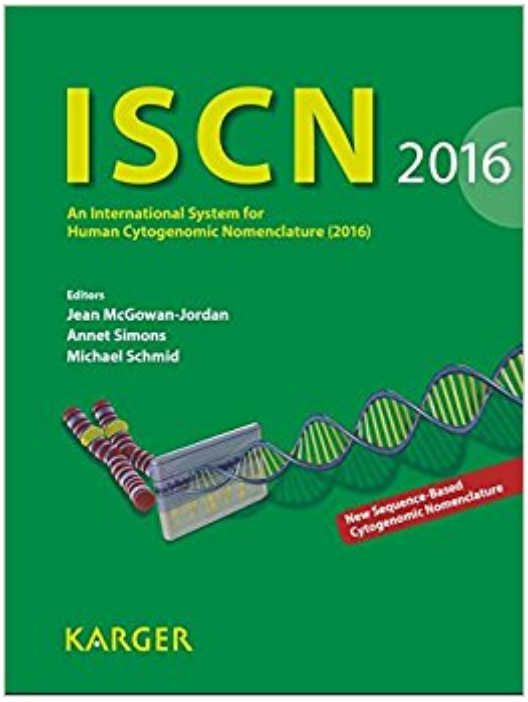
ISCN 2016: An International System For Human Cytogenomic Nomenclature (2016) Reprint Of: Cytogenetic And Genome Research 2016, Vol. 149, No. 1-2



Synopsis

The 2016 edition of the International System for Human Cytogenomic Nomenclature (ISCN 2016) offers standard nomenclature that is used to describe any genomic rearrangement identified by techniques ranging from karyotyping to FISH, microarray, various region specific assays, and DNA sequencing. Suggestions from the international cytogenetics community have been reviewed by the Standing Committee, an international group of experts, nominated by their peers. This updated edition offers: many new examples, particularly for microarray and region specific assays trackable changes in the main text compared to the previous edition for easier identification a nomenclature standard to facilitate the description of chromosome rearrangements characterized by DNA sequencing developed through collaboration between the Human Genome Variation Society (HGVS) and ISCN to accommodate the increased use of sequencing technologies in the characterization of chromosomal abnormalities The ISCN 2016 is an indispensable reference volume for human cytogeneticists, molecular geneticists, technicians, and students for the interpretation and communication of human cytogenetic and molecular cytogenomic nomenclature. After a long collaboration with Cytogenetic and Genome Research, ISCN is now again a part of this leading journal on chromosome and genome research, combining the day-to-day business with the latest findings.

Book Information

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Customer Reviews

Necessity for those in the field of cytogenetics. Not a whole lot of new material from the last update.

Abnormal microarrays still do not specify gender while normal ones do...perhaps that can be rectified in a future edition. The major new change is incorporating sequence variants into the karyotype string, which may not be that useful in practice but is in line with ABMGs new approach to folding cytogenetics and molecular genetics into one combined specialty.

Good reference

Very important book for cytogÃ©nÃ©ticien to keep

All perfect.