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Sommario/riassunto	By way of its clear and logical structure, as well as abundant highresolution illustrations, this is a systematic survey of the players and pathways that control genome function in the mammalian cell nucleus. As such, this handbook and reference ties together recently gainedknowledge from a variety of scientific disciplines and approaches, dissecting all major genomic events: transcription, replication, repair,recombination and chromosome segregation. A special emphasis is put on transcriptional control, including genome-wide interactions andnon-coding RNAs, chromatin structure, ep