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Nota di contenuto	Chapter 1. The Introduction of Ginseng (The Origin, Distribution, Cultivation and Economics Importance) -- Chapter 2. Ginseng Phytochemistry, Pharmaceutical Application and Industry -- Chapter 3. Molecular Identification of Ginseng -- Chapter 4. Breeding of Ginseng -- Chapter 5. Ginseng Genome & Metabolic Genes -- Chapter 6. Ginseng Genome Structure & Evolution -- Chapter 7. Chloroplast Genome Diversity in The Panax Genus -- Chapter 8. Transcriptome of Ginseng -- Chapter 9. Metabolic Dynamics and Ginsenoside Biosynthesis -- Chapter 10. Genomic Resources for Ginseng -- Chapter 11. Cytogenetics and Evolution of Repeats -- Chapter 12. Genomes of Other Species in Panax -- Chapter 13. Rhizospheric Metagenomics of Ginseng -- Chapter 14. Synthetic Biology of Ginsenosides -- Chapter 15. Gut Microbiome for Ginseng Medicine -- Chapter 16. Functional Genomics of Ginseng Anti-Disease.
Sommario/riassunto	This book represents the first comprehensive compilation of information on all aspects of the medicinal plant Panax ginseng, ranging from its botany to applied aspects in medicine and molecular

breeding. In contributions by respected experts, it also discusses the genetic background and biochemical profile of this important medicinal plant. Ginsenoside biosynthesis and metabolic dynamics are also described in detail. Given its scope, the book offers a valuable guide for students, educators and scientists in academia and industry interested in medicinal plants and pharmacy.