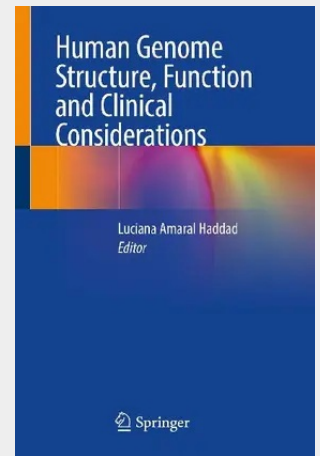


Human Genome Structure, Function and Clinical Considerations

This book provides a detailed evidence-based overview of the latest developments in how the structure of the human genome is relevant to the health professional. It features comprehensive reviews of genome science including human chromosomal and mitochondrial DNA structure, protein-coding and noncoding genes, and the diverse classes of repeat elements of the human genome. These concepts are then built upon to provide context as to how they functionally relate to differences in phenotypic traits that can be observed in human populations. Guidance is also provided on how this information can be applied by the medical practitioner in day-to-day clinical practice.

Human Genome Structure, Function and Clinical Considerations collates the latest developments in genome science and current methods for genome analysis that are relevant for the clinician, researcher and scientist who utilises precision medicine techniques and is an essential resource for any such practitioner.

This book provides a detailed evidence-based overview of the latest developments in how the structure of the human genome is relevant to the health professional. It features comprehensive reviews of genome science including human chromosomal and mitochondrial DNA structure, protein-coding and noncoding genes, and the diverse classes of repeat elements of the human genome. These concepts are then built upon to provide context as to how they functionally relate to differences in phenotypic traits that can be observed in human populations. Guidance is also provided on how this information can be applied by the medical practitioner in day-to-day clinical practice. *Human Genome Structure, Function and Clinical Considerations* collates the latest developments in genome science and current methods for genome analysis that are relevant for the clinician, researcher and scientist who utilises precision medicine techniques and is an essential resource for any such practitioner.



106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783030731533

Medium: Buch

ISBN: 978-3-030-73153-3

Verlag: Springer

Erscheinungstermin: 09.06.2022

Sprache(n): Englisch

Auflage: 1. Auflage 2021

Produktform: Kartoniert

Gewicht: 631 g

Seiten: 361

Format (B x H): 155 x 235 mm

