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Titolo	Personalized epigenetics // Trygve O. Tollefsbol ; designer, Mark Rogers ; contributors, Vanessa Aguiar-Pulido [and forty five others]
Pubbl/distr/stampa	Amsterdam, Netherlands : , : Academic Press, , 2015 ©2015
Descrizione fisica	1 online resource (611 p.)
Collana	Translational Epigenetics Series
Disciplina	572.865
Soggetti	Epigenetics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	6. BRAIN CELLULAR HETEROGENEITY AND METHYLATION VARIATION
Sommario/riassunto	Personalized Epigenetics discusses the core translatability of epigenetics to health management of individuals who have unique variations in their epigenetic signatures that can guide both disorder and disease prevention and therapy. The book details inter-individual variability in the major epigenetic process in humans consisting of DNA methylation, histone modifications, and noncoding RNA, and the diagnostic, prognostic, and therapeutic potential of the field, it also reviews the impact of the environment on epigenetic variations among individuals and the role of pharmacology and drug de