

1. Record Nr.	UNINA9910373908403321
Titolo	Behavioral Neurogenomics // edited by Elisabeth B. Binder, Torsten Klengel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	9783030312657 3030312658
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (264 pages)
Collana	Current Topics in Behavioral Neurosciences, , 1866-3370 ; ; 42
Disciplina	616.80442 616.84
Soggetti	Neurosciences Human genetics Psychiatry Neuropsicologia clínica Genètica de la conducta Human Genetics Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	GWAS of behavioral traits -- Genetic variation in long range enhancers -- DNA methylation and hydroxymethylation and behavior -- Social environment and epigenetics -- Histone modifications and behavior -- Cellular models of neuropsychiatric disorders -- miRNAs and anxiety related behaviors -- Transposable elements -- Inter and transgenerational effects on behavior.
Sommario/riassunto	This book provides a unique overview on the most recent developments in initially diverse areas of behavioral genomic research that now start to intertwine to provide more detailed insights into the complex nature of behavior in health and disease. It focuses on our current understanding of genetic and epigenetic mechanisms of brain function and how they contribute to the complex formation of behavioral traits and psychiatric disorders. Readers experience diverse perspectives of the contributing authors starting from the genetic viewpoint and the

effort to establish functional connection between genetic variants and behavioral phenotypes. Particular attention is given to the broad spectrum of epigenetic mechanisms and behavior. The chapter 'Role of MicoRNAs in Anxiety and Anxiety-Related Disorders', DOI 10.1007/7854_2019_109, available open access under a CC BY 4.0 license at link.springer.com.
