Record Nr. UNINA9910820862203321 Autore Moore David Scott <1960-> Titolo The developing genome : an introduction to behavioral epigenetics // David S. Moore Pubbl/distr/stampa New York, New York: ,: Oxford University Press, , 2015 ©2015 **ISBN** 0-19-061376-9 0-19-067565-9 0-19-992235-7 Descrizione fisica 1 online resource (321 p.) Disciplina 155.7 571.8/5 Soggetti **Epigenetics** Genetics Heredity Genomes Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Cover; The Developing Genome; Copyright; Contents; Acknowledgments; Part I; 1 Context; 2 Phenotypes; 3 Development; 4 DNA; 5 Zooming in on DNA; 6 Regulation; 7 Zooming in on Regulation; Part II; 8 Epigenetics; 9 Zooming in on Epigenetics; 10 Experience; 11 Zooming in on Experience; 12 Primates; 13 Memory; 14 Zooming in on Memory: 15 Nutrition: 16 Zooming in on Nutrition: Part III: 17 Inheritance; 18 Multiplicity; 19 Evidence; 20 Grandparents; Part IV; 21 Caution; 22 Hope; 23 Conclusions; Index Why do we grow up to look, act, and feel as we do? Through most of Sommario/riassunto the twentieth century, scientists and laypeople answered this question by referring to two factors alone: our experiences and our genes. But recent discoveries about how genes work have revealed a new way to understand the developmental origins of our characteristics. These discoveries have emerged from the new science of behavioral epigenetics--and just as the whole world has now heard of DNA, ""epigenetics"" will be a household word in the near future. Behavioral

epigenetics is important because it explains how our experience		