

1. Record Nr.	UNINA990005422410403321
Autore	Grueber, H.A.
Titolo	Coinages of Rome (continued), roman Campania, Italy, the social war, and the provinces, by H.A. Grueber / F.S.A
Pubbl/distr/stampa	[s.l.] : The Trustees of the British Museum, c1970
Descrizione fisica	602 p., 123 tav. ; 26 cm
Disciplina	737.4937
Locazione	FLFBC
Collocazione	737.49 GRU 1 (2)
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910465327603321
Titolo	Epigenetics [[electronic resource]] : linking genotype and phenotype in development and evolution / / edited by Benedikt Hallgrímsson and Brian K. Hall
Pubbl/distr/stampa	Berkeley, : University of California Press, c2011
ISBN	1-283-33185-3 9786613331854 0-520-94882-3
Descrizione fisica	1 online resource (469 p.)
Classificazione	WG 1940
Altri autori (Persone)	HallgrímssonBenedikt HallBrian Keith <1941->
Disciplina	576.5/3
Soggetti	Phenotype Epigenesis Genotype-environment interaction Genetic regulation Developmental genetics Evolutionary genetics Electronic books.

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 and index.
Nota di contenuto	Frontmatter -- Contents -- Contributors -- 1. Introduction -- 2. A Brief History of the Term and Concept Epigenetics -- 3. Heuristic Reductionism and the Relative significance of Epigenetic Inheritance in evolution -- 4. The Epigenetics of Genomic Imprinting: Core Epigenetic Processes are conserved in Mammals, Insects, and Plants -- 5. Methylation Mapping in Humans -- 6. Asexuality and Epigenetic Variation -- 7. Epigenesis, Preformation, and the Humpty Dumpty Problem -- 8. A Principle of Developmental Inertia -- 9. The Role of Epigenetics in Nervous System Development -- 10. Morphogenesis of Pigment Patterns: Experimental and Modeling Approaches -- 11. Epigenetic Interactions of the Cardiac Neural Crest -- 12. Epigenetics in Bone and cartilage Development -- 13. Muscle-Bone Interactions and the Development of skeletal Phenotype: Jaw muscles and the skull -- 14. Evolution of the Apical Ectoderm in the Developing Vertebrate Limb -- 15. Role of Skeletal Muscle in the Epigenetic Shaping of Organs, Tissues, and Cell Fate Choices -- 16. Epigenetic Integration, Complexity, and Evolvability of the Head: Rethinking the Functional Matrix Hypothesis -- 17. Epigenetic Interactions: The Developmental Route to Functional Integration -- 18. Epigenetic Contributions to Adaptive Radiation: Insights from Threespine Stickleback -- 19. Learning, Developmental Plasticity, and the Rate of Morphological Evolution -- 20. Epigenetics: Adaptation or Contingency? -- 21. The Epigenetics of Dysmorphology. Craniosynostosis as an Example -- 22. Epigenetics of Human Disease -- 23. Epigenetics: The Context of Development -- Index
Sommario/riassunto	Illuminating the processes and patterns that link genotype to phenotype, epigenetics seeks to explain features, characters, and developmental mechanisms that can only be understood in terms of interactions that arise above the level of the gene. With chapters written by leading authorities, this volume offers a broad integrative survey of epigenetics. Approaching this complex subject from a variety of perspectives, it presents a broad, historically grounded view that demonstrates the utility of this approach for understanding complex biological systems in development, disease, and evolution. Chapters cover such topics as morphogenesis and organ formation, conceptual foundations, and cell differentiation, and together demonstrate that the integration of epigenetics into mainstream developmental biology is essential for answering fundamental questions about how phenotypic traits are produced.