1. Record Nr. UNISALENTO991000787729707536

Autore	AMS-IMS-SIAM Joint Summer research conference in the mathematical sciences on relationships beween continuum theory and the theory of dynamical systems <1989 ; Humboldt State University>
Titolo	Continuum theory and dynamical systems : proceedings of the AMS-IMS-SIAM joint summer research conference held June 17-23, 1989, with support from the National Science Foundation and the Army Research Office / Morton Brown, editor
Pubbl/distr/stampa	Providence, R.I. : American Mathematical Society, c1991
ISBN	0821851233
Descrizione fisica	ix, 182 p. : ill. ; 26 cm
Collana	Contemporary mathematics, 0271-4132 ; 117
Classificazione	AMS 34-06
Altri autori (Persone)	Brown, Mortonauthor
Altri autori (Enti)	American Mathematical Society National science foundation
Disciplina	515.352
Soggetti	Continuum (Mathematics) - Congresses Differentiable dynamical systems - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The AMS-IMS-SIAM Joint Summer Research Conference in the Mathematical Sciences on Relationships between Continuum Theory and the Theory of Dynamical Systems was held at Humboldt State University, Arcata, California, on June 17-23, 1989": T.p. verso. Sponsored by the National Science Foundation. Includes bibliographical references

2. Record Nr. UNINA9910300308403321

Titolo	Chromatin Regulation of Early Embryonic Lineage Specification / / edited by Jason Knott, Keith Latham
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-63187-X
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (VII, 78 p. 16 illus. in color.)
Collana	Advances in Anatomy, Embryology and Cell Biology, , 0301-5556 ; ; 229
Disciplina	611.01816 599.935
Soggetti	Human genetics Cytology Human physiology Human Genetics Cell Biology Human Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	CHD1 controls cell lineage specification through zygotic genome activation -- Chromatin remodelling proteins and cell fate decisions in mammalian preimplantation development -- Transcriptional regulation and genes involved in first lineage specification during preimplantation development -- ROCK and RHO playlist for preimplantation development: Streaming to HIPPO pathway and apicobasal polarity in the first cell differentiation -- XEN and the art of stem cell maintenance - molecular mechanisms maintaining cell fate and self-renewal in extraembryonic endoderm stem (XEN) cell lines. .
Sommario/riassunto	Five leaders in the field of mammalian preimplantation embryo development provide their own perspectives on key molecular and cellular processes that mediate lineage formation during the first week of life. The first cell-fate decision involves the formation of the pluripotent inner cell mass (ICM) and extraembryonic trophectoderm (TE). The second cell-fate choice encompasses the transformation of

ICM into extraembryonic primitive endoderm (PE) and pluripotent epiblast. The processes, which occur during the period of preimplantation development, serve as the foundation for subsequent developmental events such as implantation, placentation, and gastrulation. The mechanisms that regulate them are complex and involve many different factors operating spatially and temporally over several days to modulate embryonic chromatin structure, impose cellular polarity, and direct distinct gene expression programs in the first cell lineages. .