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Titolo	MicroRNA : expression, detection and therapeutic strategies // James A. Mulligan, editor
Pubbl/distr/stampa	New York, : Nova Science, c2011
ISBN	1-62100-152-0
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Descrizione fisica	1 online resource (299 p.)
Collana	DNA and RNA : properties and modifications, functions and interactions, recombination and applications
Altri autori (Persone)	MulliganJames A
Disciplina	572.8/8
Soggetti	Small interfering RNA
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	MicroRNAs : potential applications in aquaporin associated pathogenesis / Sugunavathi Sepramaniam ... [et al.] -- MicroRNAs : novel biomarkers and therapeutic targets for cancer / Fanman Xiao, Linlang Guo -- MicroRNAs : targets of interest in breast cancer research / Aamir Ahmad ... [et al.] -- Amazing power of tiny microRNAs in breast cancer / Ming Shi ... [et al.] -- The impact of miRNAs on resistance to anticancer treatment : the future for miRNA-based targeted therapy? / Richard Hummel, Damian J. Hussey, Joerg Haier -- Profiling of mRNAs/microRNAs and identification of microRNA targets among human mesenchymal stem cells derived from different adipose tissues / Steven Shoei-Lung Li -- MicroRNAs in regulating EMT and blood circulation metastasis of lung cancer stem cells / Jianguo Sun ... [et al.] -- Biological functions of microRNAs in animals / Marie-Helene Renalier, Samantha Tirmarche, Herve Seitz -- Regulation of metabolism, aging, and lifespan by microRNAs / Junlong Zhang -- Herpesvirus microRNAs in infection and cancer / Andrea J. O'Hara, Dirk P. Dittmer.
Sommario/riassunto	MicroRNAs are involved in crucial biological processes, including developmental timing, cell proliferation, apoptosis, and stress responses. This book presents topical research in the study of microRNAs, including their potential applications in aquaporin associated pathogenesis; microRNAs as novel biomarkers and therapeutic targets for cancer; microRNAs used in regulating EMT and

blood circulation metastasis of lung cancer stem cells; and, the biological functions of microRNAs in animals and the regulation of metabolism, ageing and lifespan by microRNAs.

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