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Titolo	microRNA: Basic Science : From Molecular Biology to Clinical Practice // edited by Gaetano Santulli
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ISBN	3-319-22380-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (265 p.)
Collana	Advances in Experimental Medicine and Biology, , 2214-8019 ; ; 887
Disciplina	572.88
Soggetti	Cytology Atomic structure Molecular structure Biochemistry Medicine—Research Biology—Research Human physiology Cell Biology Atomic and Molecular Structure and Properties Chemical Biology Biomedical Research Human Physiology
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 at the end of each chapters and index.
Sommario/riassunto	This volume explores microRNA pathophysiology, focusing on basic concepts in molecular and cellular biology. Chapters contributed by leading scientists examine recently discovered pathways in several processes, including aging, diabetes, cardiovascular disease, hematopoiesis, and mitochondrial fitness. The authors contextualize microRNAs within epigenetics and micropeptidomics, angiogenesis and atherosclerosis, endometrial pathophysiology, and more. Throughout, numerous color photographs, diagrams of molecular

pathways, and tables enhance the text. *microRNA: Basic Science* is an ideal companion to both *microRNA: Medical Evidence* and *microRNA: Cancer*. Taken together, these three books provide a state-of-the-art overview of this rapidly-expanding and fascinating field, from the molecular level to clinical practice. It will be invaluable to medical students, physicians, and researchers, as a complete and unique guide in the exploration of microRNA in basic science, cancer and clinical practice.
