1. Record Nr. UNINA9910298337703321

Titolo	Non-coding RNAs and Cancer / / edited by Muller Fabbri
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4614-8444-8
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (287 p.)
Disciplina	571.6 572 572.6 599935
Soggetti	Cancer - Research Cytology Biochemistry Post-translational modification Gene expression Human genetics Cancer Research Cell Biology Biochemistry, general Posttranslational Modification Gene Expression Human Genetics
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	Introduction -- Biogenesis and Physiology of microRNAs.-Detecting non-coding RNA expression: from arrays to next generation sequencing -- MicroRNAs in Solid Tumors.-MicroRNAs in hematologic malignancies -- miRNAs as Cancer Biomarkers -- Unraveling the complex network of interactions between non-coding RNAs and epigenetics in cancer -- MicroRNA SNPs in Cancer -- Bioinformatics Approaches to the study of microRNAs -- Beyond miRNAs: role of other non-coding RNAs in cancer -- Translational Implications for non-

coding RNA in Cancer -- Index.

Sommario/riassunto	The discovery of microRNAs and its role as gene expression regulators in human carcinogenesis represents one of the most important scientific achievements of the last decade. More recently, other non-coding RNAs have been discovered and its implications in cancer are emerging as well, suggesting a broader than anticipated involvement of the non-coding genome in cancer. Moreover, completely new and unexpected functions for microRNAs are being revealed, leading to the identification of new anticancer molecular targets. This book represents a comprehensive guide on non-coding RNAs and cancer, spanning from its role as cancer biomarkers, to providing the most useful bioinformatic tools, to presenting some of the most relevant discoveries, which indicates how these fascinating molecules act as fine orchestrators of cancer biology.

2.

Record Nr.	UNINA9910557714203321
Autore	Yoo Seong-eun
Titolo	Edge/Fog Computing Technologies for IoT Infrastructure
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (231 p.)
Soggetti	Information technology industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The prevalence of smart devices and cloud computing has led to an explosion in the amount of data generated by IoT devices. Moreover, emerging IoT applications, such as augmented and virtual reality (AR/VR), intelligent transportation systems, and smart factories require ultra-low latency for data communication and processing. Fog/edge computing is a new computing paradigm where fully distributed

fog/edge nodes located nearby end devices provide computing resources. By analyzing, filtering, and processing at local fog/edge resources instead of transferring tremendous data to the centralized cloud servers, fog/edge computing can reduce the processing delay and network traffic significantly. With these advantages, fog/edge computing is expected to be one of the key enabling technologies for building the IoT infrastructure. Aiming to explore the recent research and development on fog/edge computing technologies for building an IoT infrastructure, this book collected 10 articles. The selected articles cover diverse topics such as resource management, service provisioning, task offloading and scheduling, container orchestration, and security on edge/fog computing infrastructure, which can help to grasp recent trends, as well as state-of-the-art algorithms of fog/edge computing technologies.