1. Record Nr. UNINA9910300208003321

Titolo	Targeted Therapy of Acute Myeloid Leukemia / / edited by Michael Andreeff
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
ISBN	1-4939-1393-X
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (804 p.)
Collana	Current Cancer Research, , 2199-2592
Disciplina	571.6 579 610 614.5999
Soggetti	Cancer Pharmacology Cytology Microbiology Cancer Biology Cell Biology
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.
Nota di contenuto	Introduction/Perspective -- Genetics and Classification of Acute Myeloid Leukemia -- Proteomics of AML to guide Selection of Therapy -- Roles of Apoptosis Regulating Bcl-2-Family Genes in AML -- Bcl-2 family: Translational aspects -- IAP Family and Proteins as Therapeutic Targets for Acute Myeloid Leukemia -- TP53 Mutations in Acute Myeloid Leukemia -- Targeting p53 Tumor Suppressor for AML Therapy -- AML-Selective Apoptosis Induction by rationally designed Death Ligand Fusion Protein -- PIM Kinases in AML -- Development of Midostaurin as a Tyrosine Kinase Inhabitor -- FLT3 in AML -- FLT3-ITD. Clinical (Sorafenib/AC220) -- Nucleophosmin (NPM1) -- Raf/MEK Pathway -- The Role of Translational Medicine in Optimization of Therapies targeting the RAS-MAP Kinase Pathway -- Clinical Use of Farnesyltransferase Inhititors -- The P13K-AKT-mTOR signaling Network in AML -- Targeting the P13 Kinase-mTOR Signaling Pathway

in AML -- Aurora kinases -- The Clinical Development of Aurora Kinase Inhibitors in Acute Myeloid Leukemia -- AML-Deacetylases -- Methylation in AML-Clinical Applications -- Topic: RARa/RXR Part: Basic -- Arsenic Trioxide in Untreated APL -- Targeting PML-RAR with Retinoids -- NR4A Orphan Receptors as Drug Targets -- Antibody-based Therapeutics Targeting CD33, CD45, and CD66 -- New Heterogeneity of the Leukemic Stem Cells -- Targeting Leukemia Stem Cells -- Regulation of Hematopoiesis by CXCL12/CXCR4 Signaling -- CXC4/CXCL12 as a Therapeutic Target -- VLA-4: A Cell's Consequential Encounter -- VLA-4 Function and Prognosis in Acute Myeloid Leukemia -- VLA4 in Acute Lymphoblastic Leukemia -- The Leukemic Bone Marrow Microenvironment: Targeting Hypoxia with Hypoxia Activated Pro-Drugs -- Topic: miRs as Therapeutic Targets -- Clinical Implications of MicroRNAs in AML -- Inhibition of Glycolysis as a Therapeutic Strategy in Acute Myeloid Leukemias -- Molecular and Biochemical Basis for the Reprogramming of Intermediary Metabolism in Leukemia Cells -- NK Cell Immunotherapy for AML -- Allogeneicand Autologous T cell Strategies to Enhance Targeting of Acute Myeloid Leukemia -- Indications for Hematopoietic Transplantation for AML -- Mesenchymal Stem/Stromal Cell Targeted Therapies for Solid Tumors and Hematological Malignancies.

Sommario/riassunto

This book provides an unprecedented overview of targeted therapies for acute myeloid leukemias. The volume provides comprehensive coverage of the diverse therapeutic strategies that have been developed during the last decade and are now being evaluated in early clinical trials. Authoritative chapters are written by leading research scientists and clinicians, who explain basic concepts and the clinical translation of topics that include the underlying genetic and proteomic abnormalities of AML. The chapter topics include the development of novel nucleoside analogues, the roles of microRNAs, apoptosis regulators Bcl-2 and p53, and of critical cell signaling proteins such as PIM, FLT3, Raf/MEK, PI3K/AKT/mTOR and aurora kinases. In addition, chapters on epigenetic mechanisms, nuclear receptors, cell surface antigens, the hypoxic leukemia microenvironment, stem cells, and leukemia metabolism, provide insight into leukemia cell vulnerabilities. Cell therapies utilizing T-, NK- and mesenchymal stem cells and progress in hematopoietic transplantation strategies complete the overview of the multi-dimensional therapeutic landscape, where leukemia specialists develop treatment strategies, which are expected to bring forth critical breakthroughs in the field of leukemia. .

2. Record Nr. UNINA9910483744803321

Titolo	Health Information Science : 5th International Conference, HIS 2016, Shanghai, China, November 5-7, 2016, Proceedings / / edited by Xiaoxia Yin, James Geller, Ye Li, Rui Zhou, Hua Wang, Yanchun Zhang
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	9783319483351 3319483358
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XII, 206 p. 83 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 10038
Disciplina	610.285
Soggetti	Medical informatics Application software Data mining Artificial intelligence Information storage and retrieval systems Health Informatics Computer and Information Systems Applications Data Mining and Knowledge Discovery Artificial Intelligence Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Medical/health/biomedicine information resources such as patient medical records, devices and equipments, software and tools to capture, store, retrieve, process, analyze, and optimize the use of information in the health domain -- Data management, data mining, and knowledge discovery, all of which play a key role in decision making, management of public health, examination of standards, privacy and security issues -- Computer visualization and artificial intelligence for computer aided diagnosis; development of new architectures and applications for health information systems.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference on Health Information Science, HIS 2016, held in Shanghai, China, in November 2016. The 13 full papers and 9 short papers presented were carefully reviewed and selected from numerous submissions. The scope of the papers includes medical/health/biomedicine information resources such as patient medical records, devices and equipments, software and tools to capture, store, retrieve, process, analyze, and optimize the use of information in the health domain; data management, data mining, and knowledge discovery, all of which play a key role in decision making, management of public health, examination of standards, privacy and security issues; computer visualization and artificial intelligence for computer aided diagnosis; development of new architectures and applications for health information systems.