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Titolo	Lung Cancer [[electronic resource]] : Treatment and Research // edited by Karen L. Reckamp
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ISBN	3-319-40389-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (VI, 322 p. 14 illus., 9 illus. in color.)
Collana	Cancer Treatment and Research, , 0927-3042 ; ; 170
Disciplina	616.99424
Soggetti	Oncology Thoracic surgery Radiotherapy Oncology Thoracic Surgery
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	Lung cancer biology -- Screening and prevention -- Diagnosis and molecular classification -- Staging and prognosis -- Treatment—Surgery -- Treatment—Radiation therapy -- Treatment—Chemotherapy.- Treatment—Multimodality therapy -- Targeted therapy -- Resistance to therapy -- Immunotherapy -- Palliative and supportive care.- Geriatric oncology -- Multidisciplinary care -- Small cell lung cancer.
Sommario/riassunto	This book describes the molecular mechanisms of lung cancer development and progression that determine therapeutic interventions in the era of genomics, when the rapid evolution in lung cancer diagnosis and treatment necessitates critical review of new results to integrate advances into practice. The text opens with background and emerging information regarding the molecular biology of lung cancer pathogenesis. Updated results regarding lung cancer prevention and screening are discussed, followed by chapters on diagnostic techniques and pathological evaluation. This leads on to a detailed presentation of treatment modalities, from surgery and radiation therapy to standard chemotherapy and targeted agents. The coverage includes resistance to

therapy and the emergence of immunotherapy for lung cancer; in addition, the current evidence in respect of small cell lung cancer is summarized. The book presents insights from experts across disciplines to emphasize the importance of collaborative care. Advances in our understanding of issues in geriatric oncology and palliative care complete the comprehensive discussion of lung cancer.
