Oncogenomics: Molecular Approaches to Cancer offers the first rigorous yet broadly accessible treatment of the impact of genomics on cancer research and care. Clearly written by world-renowned scientists in the field, and edited for overall cohesion, Oncogenomics progresses logically from molecular profiling to model systems, cancer pharmacology, and clinical trials.

This definitive, groundbreaking resource offers:

- Contributions from leaders in the field such as David Botstein, Pat Brown, Allan Bradley, Stuart Schreiber, Mike Stratton, and NCI Director Andrew Von Eschenbach
- Cutting-edge coverage of array-based diagnostics, pharmacogenomics, and molecularly targeted therapeutics
- Discussions of ethical, legal, and social issues related to cancer genomics and clinical trials

Recognizing the multidisciplinary character of Oncogenomics, the editors include an advanced introduction to cancer genetics and cancer pharmacology that makes accessible state-of-the-art topics such as expression profiling, SNPs in cancer, tissue microarrays, and chemical and genetic validation studies. Scientists, oncologists, and other healthcare professionals, as well as advanced students, will find Oncogenomics an essential resource for elucidating this exciting field.