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“Companion Diagnostics in Precision Medicine is a comprehensive book that will be of tremendous help in developing anti-cancer therapeutics and accompanying diagnostics. It’s the result of the herculean effort put in by the authors, and as a patient/survivor of lung cancer I know just how important this work is firsthand.”

Bonnie Addario

Lung Cancer Survivor

Founder and Chair, Bonnie J. Addario Lung Cancer Foundation (ALCF)

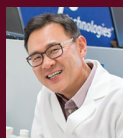
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Dr. Charles Theuer

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There is a new trend in anti-cancer therapeutics development: a targeted therapy and precision medicine that targets a subgroup of patients with specific biomarkers. An in vitro diagnostic (IVD) assay is required to identify a subgroup of cancer patients who would benefit from the targeted therapy, or not likely benefit, or have a high risk of side effects from the specific drug treatment. This IVD or medical device is called a companion diagnostic (CDx) assay. It is key to have a robust CDx assay or device for the success of targeted therapy and precision medicine.

This book covers the technical, historical, clinical, and regulatory aspects of CDx in precision medicine. Clearly, more and more newly developed oncology drugs will require accompanying CDx assays, and this book, with chapters contributed by renowned oncologists, provides a comprehensive foundation for the knowledge and application of CDx for precision medicine.



Il-Jin Kim (DVM, PhD, PMP, BCMAS, CCRP) was director of Applied Genomics in the UCSF Thoracic Oncology Program and is now medical director at Guardant Health, USA. He is an expert in cancer biomarker and companion diagnostics (CDx) for anti-cancer therapeutics (solid and hematological malignancies). His work focuses on the identification of novel therapeutic targets and diagnostic markers in various types of human cancers. Dr. Kim has received three awards from the American Association for Cancer Research for developing innovative diagnostic assays. He is a recipient of the 2017 Asclepius Award from the Bonnie J. Addario Lung Cancer Foundation.



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