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Collana	Molecular and Translational Medicine, , 2197-7852
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Nota di contenuto	Clinical FISH Testing for the Diagnosis of Solid Tumors -- Epidermal Growth Factor Receptor Testing in Lung Adenocarcinoma -- The Human Epidermal Growth Factor Receptor 2 (HER2) -- Tamoxifen and Irinotecan Pharmacogenomics -- Hepatitis C Virus Testing -- Laboratory Testing for HIV Infection: Advances after 27 years -- Detection of Herpes Simplex Virus in Cerebrospinal Fluid using Real-time PCR -- Toward a Safer Blood Supply: The Impact of Molecular Testing -- Chromosomal Microarrays -- BRCA1 and BRCA2 Testing in Inherited Breast Cancer -- Cystic Fibrosis: Carrier Testing, Newborn Screening, and Diagnostic Testing -- Newborn Screening by Tandem Mass Spectrometry and Molecular Confirmation -- Next Generation Clinical Diagnostics: The Sequence of Events.
Sommario/riassunto	Molecular Diagnostics: 12 Tests That Changed Everything focuses on specific laboratory tests and emphasizes how the availability of these tests has altered how clinicians treat their patients. Presented as a standard outline, each chapter focuses on a specific molecular test and provides background on the test and its clinical applications. Continuing with some discussion on how the test is done, interpreted, and used clinically, each chapter then concludes with a discussion of how that test has changed the way medicine is practiced with respect to

the disease or condition in question. Authored by renowned experts in the field, *Molecular Diagnostics: 12 Tests That Changed Everything* is a valuable resource for pathologists, pathology residents, laboratory directors, development personnel, lab medicine fellows and those working in the broad area of oncology, infectious disease and genetics.
