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On the Cover: The existence of a growing number of rare *EWS* variant translocations complicates the molecular diagnosis of Ewing family tumors (EFTs). This issue of *JMD* features two original research articles (beginning on pages 459 and 498), as well as a Commentary beginning on page 437, exploring the complexities of gene fusions associated with EFTs and EFT-like sarcomas.

Special Article

- 421 Inter-Laboratory Comparison of Chronic Myeloid Leukemia Minimal Residual Disease Monitoring: Summary and Recommendations

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- 437 Molecular Diagnosis of Ewing Family Tumors: Too Many Fusions. . . ?

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- 452 Isolation of Microarray-Grade Total RNA, MicroRNA, and DNA from a Single PAXgene Blood RNA Tube

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- 472 Heterogeneous Staining for Mismatch Repair Proteins during Population-Based Prescreening for Hereditary Nonpolyposis Colorectal Cancer

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- 479 Detection of Genetic Alterations by ImmunoFISH Analysis of Whole Cells Extracted from Routine Biopsy Material

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- 490 Analysis of T-Cell Clonality Using Laser Capture Microdissection and High-Resolution Microcapillary Electrophoresis
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- 498 Undifferentiated Small Round Cell Sarcomas with Rare *EWS* Gene Fusions: Identification of a Novel *EWS-SP3* Fusion and of Additional Cases with the *EWS-ETV1* and *EWS-FEV* Fusions
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- 510 Rapid Identification of Promoter Hypermethylation in Hepatocellular Carcinoma by Pyrosequencing of Etiologically Homogeneous Sample Pools
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561 **Correction**

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