Molecular Diagnostic Pathology

The Molecular Diagnostics Service of the Yale Department of Pathology offers a varied menu of DNA-based tests performed on tissue and cytological specimens. Yale’s Program in Molecular Diagnostics, of which the Molecular Diagnostics Service is a part, is continually utilizing new discoveries and innovative technologies for the development of new diagnostic tests. Currently among those tests are new procedures for the improved diagnosis of lymphomas, the identification of chromosomal rearrangements in hematologic and solid tumors, and the detection of mutations that predict the responsiveness or resistance of tumors to targeted anti-tumor therapies.

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Pediatric Pathology

The Yale Pediatric Pathology Program provides diagnostic expertise covering a wide variety of diseases involving children of all ages, fetuses, and placentas. In collaboration with specialists in a number of disciplines, the service provides assistance to physicians and others seeking consultations for pediatric surgical specimens, pediatric gastrointestinal and liver biopsies, placentas, and autopsies, including fetuses with complex congenital malformations. Additionally, specific interest in small blue round cell tumors of childhood is a main focus of this service.

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