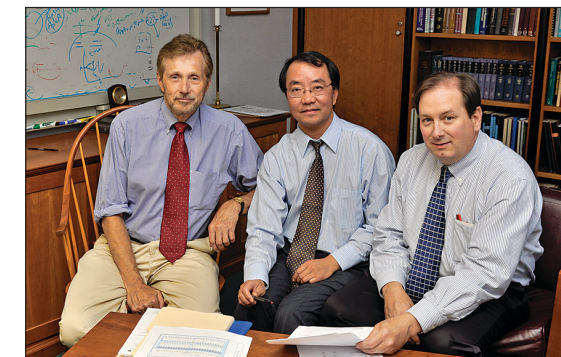


Molecular Diagnostics: Blood Disease Reference Laboratory

Acquired and inherited blood disorders are a major public health problem, affecting millions of individuals worldwide. The Yale Center for Blood Disorders is dedicated to the discovery, understanding, diagnosis, prevention, and treatment of these disorders. A critical component of the Center is the **Blood Disease Reference Laboratory Program of the Yale Molecular Diagnostics Laboratory**. The Reference Laboratory is an international resource for the molecular diagnosis of a wide range of acquired and inherited erythrocyte disorders and utilizes a variety of advanced technologies, including high-throughput next generation nucleotide sequencing. Determination of the precise molecular diagnosis allows for institution of the most appropriate therapy and provides the necessary information for genetic counseling of affected individuals and families.



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