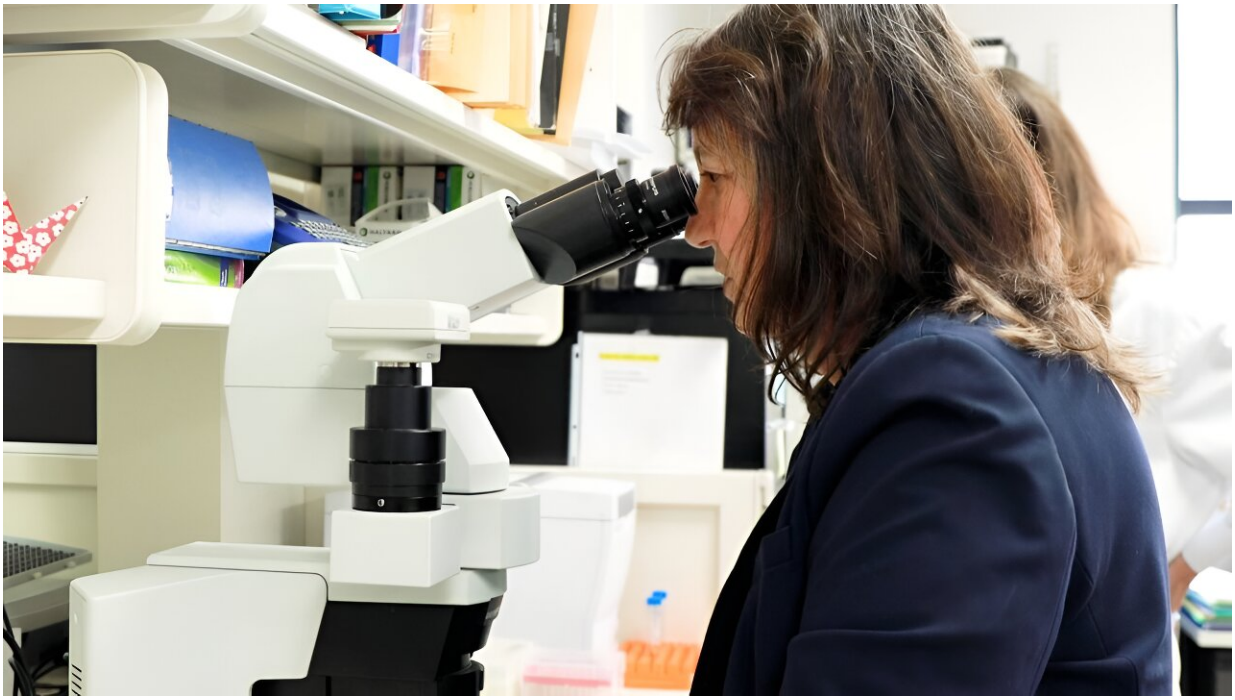
How precise diagnosis of lymphoma offers patients best treatment options

January 29 2024, by Deb Balzer



Lisa Rimsza, M.D., in the Mayo Clinic Molecular Diagnostic Laboratory. Credit: Mayo Clinic

Dr. Lisa Rimsza is a pathologist, director of the Mayo Clinic Molecular Diagnostic Laboratory and researcher with the Mayo Clinic Comprehensive Cancer Center. Her research specializes in lymphoma, with a focus on developing tests for accurate patient diagnoses and assessing disease aggressiveness.

Dr. Rimsza has made significant advances in this field of research. She says having a precise diagnosis allows physicians to provide patients with the best possible treatment.

"My lab focuses on lymphoma, which is a group of diseases and cancers that arise from the lymphatic systems," says Dr. Rimsza.

"We specialize in developing new tests to make sure we can get the most accurate diagnosis for the patient, and also figure out whether their disease is likely to be more or less aggressive," she says.

"We've been working with an interesting platform, or technology platform, which actually is able to use the tissue that is most commonly available from patient biopsies when a biopsy is taken out. It's put in formaldehyde and then in paraffin wax," she says. "We've been using a technology that actually is able to work with that tissue and get good information about genes and expression."

"It's absolutely important that the patient has the most accurate diagnosis as possible. And what we're doing is going through the most common types of lymphomas, and trying to build a series of assays that will answer several different diagnostic questions," says Dr. Rimsza.

Provided by Mayo Clinic

Citation: How precise diagnosis of lymphoma offers patients best treatment options (2024, January 29) retrieved 27 April 2024 from https://medicalxpress.com/news/2024-01-precise-diagnosis-lymphoma-patients-treatment.html