Personalized Healthcare, Innovative Diagnostics.
The Department of Pathology at University of Illinois at Chicago is leading an initiative to bring scientific discoveries to the patient bedside for improved diagnosis and individualized treatment decisions. Our team includes experts in molecular pathology, cytogenetics, surgical pathology, and proteomics. We are working in close collaboration with researchers, clinicians, and pharmacy to deliver an integrated and comprehensive approach for personalized medicine.

Anjen Chenn, MD-PhD, Director

A novel gene “signature” identifies patients with sarcoidosis and predicts patients at risk for future complications. Using gene expression profiling and machine learning methods, a 20 gene “signature” was identified that enables from patient blood samples the identification of patients with sarcoidosis and predicts the risk of disease progression. (Tong et al, PLoS One. 2012;7(9).)