To: Medical Staff, House Staff, Patient Care Centers, and Outpatient Clinics

From: Jeremy Segal, MD, PhD, Director, Molecular Diagnostics Laboratory
Peng Wang, MD, PhD, Associate Director, Molecular Diagnostics Laboratory
Soma Das, PhD, Director, Genetic Services Laboratory
Daniela del Gaudio, PhD, Director, Genetic Services Laboratory
Susana G. Marino, PhD, F(ACHI), Director, Transplant Immunology Laboratory

Date: 3/13/2023

Subject: Next Generation Sequencing Reporting Delays

Effective Date: 3/13/2023

Laboratory Section: Molecular Diagnostics and Genetic Services

Summary:

We are experiencing a delay in Next Generation Sequencing data processing and analysis that is affecting the turnaround time for the following tests:

OncoPlus, RNA Fusion, OncoScreen, NPM1, APOL1, all Germline Genetic NGS Panels, Exome Sequencing, High Resolution HLA Typing

The delay is due to a storage outage that is preventing use of the high-performance computing cluster used to process NGS data. CRI (Center for Research Informatics) has escalated the problem with the vendor to restore services. The labs continue to process and sequence all NGS specimens while a resolution to analysis is pending. We are also simultaneously working on establishing a secondary data processing solution to resume normal reporting TAT as quickly as possible.

Please note that all other molecular diagnostic and genetic tests are not affected.

Questions: If there are any questions regarding the change, test requirements or ordering, please contact:

- Jeremy Segal, MD, PhD (Molecular Diagnostics), jsegal5@bsd.uchicago.edu
- Peng Wang, MD, PhD (Molecular Diagnostics), pengwang@bsd.uchicago.edu
- Soma Das, PhD (Genetic Services), sdas@bsd.uchicago.edu
- Daniela del Gaudio, PhD (Genetic Services), ddelgaudio@bsd.uchicago.edu
- Kelly Arndt, Genomics Laboratories Manager, Kelly.Arndt@uchicagomedicine.org
- Susana G. Marino, PhD, F(ACHI) (Transplant Immunology), smarino@bsd.uchicago.edu
- Jerome Weidner, Transplant Laboratory Manager, Jerome.Weidner@uchicagomedicine.org