Dr. Rakesh Nagarajan, M.D., Ph.D. to Speak on the Clinical Genomicist Workstation

SYNOPSIS:

The use of genome-wide profiling technologies in basic and translational research is on the rise in the clinical setting. However, several potent informatics barriers must be overcome before clinical sequencing can become routine. Good Laboratory Practice-based quality-assurance metrics must be established to guarantee the accuracy required to make medical decisions. Genetic variants identified by sequencing must be systematically annotated and interpreted so that a clinical genomicist can decide which are medically actionable. Software applications and technologies are required to facilitate reporting of genomic results and to transmit these data to electronic health records. To address these issues, we have developed the Clinical Genomicist Workstation, which provides a "soup-to-nuts" solution for processing clinical sequencing orders. Session details ...

BIO:

Dr. Rakesh Nagarajan is an Assistant Professor in the Department of Pathology and Immunology at Washington University School of Medicine in St. Louis, Director of the Institute of Clinical and Translational Sciences, and Director of the Alvin J. Siteman Cancer Center for Biomedical Informatics. As Director of the Center for Biomedical Informatics, he and his group have developed and support broad biomedical informatics infrastructure to facilitate clinical and translational research as well as collaborate on clinical and genomic projects by providing in silico analyses and expertise. Trained as a physician-scientist, Dr. Nagarajan received his M.D. and Ph.D. degrees from Washington University in St. Louis in 2002.

SUMMARY:

Topic: Clinical Genomicist Workstation

Speaker: Dr. Rakesh Nagarajan, M.D., Ph.D.

Date: Wednesday, September 19, 2012

Time: 11 AM – 12 PM

Presentation: The presentation will be available for viewing after the event on our Speaker Series Videos page and on the NCI Events YouTube Channel

About the NCI CBIIT Speaker Series:
The National Cancer Institute (NCI) Center for Biomedical Informatics and Information Technology (CBIIT) Speaker Series is a bi-weekly knowledge-sharing forum featuring both internal and external speakers on topics of interest to the biomedical informatics and research communities. For additional information, including past speaker series presentations, visit the CBIIT Speaker Series page.

Questions? Please email us at NCICBIITcomms@mail.nih.gov.

Individuals with disabilities who need reasonable accommodation to participate in this program should contact the Office of Space and Facilities Management (OSFM) at 240-276-5900 or the Federal TTY Relay number 1-800-877-8339.