

June 24: Javed Khan, Cancer Genomics to Identify Novel Biomarkers and Drivers and to Enable Precision Therapeutics



SYNOPSIS:

Dr. Javed Khan, Deputy Chief of NCI's Genetics Branch and Senior Investigator and Head of the Oncogenomics Section, will discuss the following:

1. Success and Challenges of Treating Pediatric Cancers.
2. Biomarkers, Drivers, and Therapeutic Targets
3. Using first Generation Genomics to identify biologically relevant therapeutic targets
4. Next generation genomics of pediatric cancers
5. Tumor heterogeneity
6. Next Generation Therapeutics: Personalized Therapies and Immunogenomics
7. Enabling Precision Therapy Trials in CCR

[Session details...](#)

BIO:

Dr. Javed Khan obtained his bachelor's degree in 1984 and his master's degrees in 1989 in immunology and parasitology at England's University of Cambridge. He subsequently obtained his M.D. there and the postgraduate degree of MRCP (Membership of the Royal College of Physicians), equivalent to board certification in the United States. After clinical training in internal medicine and pediatrics as well as other specialties, he received a Leukemia Research Fellowship. In May 2001, Dr. Khan joined the Pediatric Branch, NCI, as a tenure track investigator. Dr. Khan and colleagues have published a new model for diagnosis of cancer using artificial neural networks (ANN), a form of artificial intelligence, and microarray technology. In April 2001, Dr. Khan was recognized by the American Association for Cancer Research for his work in tumor profiling by receiving a Scholar in Training Award. Recently Dr. Khan has led an international collaboration to perform comprehensive analysis of pediatric cancer genomes using next generation sequencing strategies.

SUMMARY:

Topic: Cancer Genomics to Identify Novel Biomarkers and Drivers and to Enable Precision Therapeutics

Speaker: Javed Khan, M.D.

Date: Wednesday, June 24, 2015

Time: 11 AM – 12 PM ET

You are invited to listen to Dr. Khan's presentation in Room 2W908 in the NCI Shady Grove Building on Medical Center Drive or via WebEx.

Presentation: A screen cast of the presentation will be available for viewing after the event on the [NCI CBIIT Speaker Series YouTube Playlist](#) 

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](#).

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