

WEDNESDAY, OCTOBER 8, 2014
“DOUBLE HITTER” PROGRAM

TOPIC, PART ONE: **The Intersection of Genomics, Bioinformatics, Big Data & Personalized Medicine (2:30-4:15 PM)**

SPEAKERS: **Long Phi Le, M.D., PhD**
Medical Director, Clinical Research Sequencing Platform, Broad Institute
Assistant Professor of Pathology, Massachusetts General Hospital

Daryl Spinner, PhD, MBA
Principal Life Sciences Consultant, Quintiles

Big data and genomics are very hot topics in R&D circles, for good reason. As researchers discover which genetic profiles are most likely to benefit from new treatments, physician decision-making based on individuals' genetic makeup has moved from the realm of futurists to every-day reality.

Dr. Le will speak about next-generation sequencing in the lab, progress that's been made in genomics and the informatics challenges that researchers face. He has been instrumental in bringing new technologies and bioinformatics systems into clinical diagnostics to improve the quality of data, automation and speed as well as testing safety and accuracy. He has contributed to 40 journals, including the Journal of Molecular Biology, Virology, Cancer Gene Therapy, The Journal of Gene Medicine and Journal of the National Cancer Institute.

Dr. Spinner will address the microeconomics of personalized medicine, including pricing and reimbursement issues. His areas of consulting expertise include pricing, reimbursement and market access strategies, health economics and outcomes research strategy, nontraditional payment mechanisms, payer and physician research and engagement, payer-focused clinical trial design and market forecasting. His company, Quintiles, is a long-standing member of New York Pharma Forum.

**TOPIC, PART TWO: Current State of the Biopharma Industry & Future Outlook
(4:30-5:45 PM)**

SPEAKER: Nitin Mittal, M.S.
Principal, Deloitte Consulting LLP
Executive Vice President, Services, ConvergeHEALTH

Nitin Mittal, a Boston-based principal with Deloitte Consulting, has a background in healthcare informatics with experience in analytics, business intelligence, data warehousing, data governance, architecture and large complex technology implementations. He has led several strategy, assessment and implementation engagements at life sciences and healthcare provider clients. His current focus is in the field of clinical and research informatics across the healthcare eco-system. His prior experience leading Deloitte's Life Sciences and Health Care Industry practice in India (USI) adds international perspective to his current position. He built a successful practice in India of more than 100 practitioners focused in clinical information systems, drug safety systems, R&D, informatics and healthcare implementations. Mr. Mittal will play two roles in the October 8th program:

- He will moderate the first session on "The Intersection of Genomics, Bioinformatics, Big Data & Personalized Medicine," and bring his own extensive expertise in healthcare informatics into the discussion following the speakers' presentations.
- He will provide a current biopharmaceutical industry overview and outlook for growth and performance for the industry and for several key segments of the industry, including his own focus area of healthcare informatics. He will identify the drivers of growth for the industry, the challenges it faces, and discuss the potential impact that several key issues will have in coming years. He'll also provide some insight into the industry's growth and direction in India.