

*"The Future of Genomics in Healthcare:
From Personalized Cancer Therapy to Wellness"*

Location: Hilton Rosemont, Chicago Airport

Date: October 24-25, 2015

Objectives

1. Review the development of the major technological forces of change in healthcare- genomics, biometrics, big data and social media
2. Develop an understanding of how 'omics' plays a role in determining health and disease outcomes in the individual
3. Review the application of genomics to the personalization of cancer treatment
4. Discuss how the 'omics' revolution will be create a personalized wellness

Day One

<i>Session One: Forces of Change in 21st Century Healthcare</i>		
8:30 am - 9:00 am	Welcome and Introduction	Jeff Bland, PhD, President, Personalized Lifestyle Medicine Institute
9:00 am - 9:45 am	The Future of Personalizing Healthcare	Dennis A. Ausiello, MD, the Jackson Distinguished Professor of Clinical Medicine and Director, Emeritus Harvard Medical School
9:45 am - 10:30 am	Stem Cell Biology and the Future of Medicine	Richard Burt, MD, Chief, Division of Medicine- Immunotherapy and Autoimmune Diseases, Northwestern University Feinberg School of Medicine
10:30 am - 10:45 am	Break	
10:45 am - 11:30 am	Genomics, Big Data, Informatics and the Future of Medicine	Nathan Price, PhD, Associate Director, Institute for Systems Biology
11:30 am - 12:15 pm	Incorporating Genomics into Cancer Care Prevention and Wellness	Stacie J Stephenson, DC, CNS, Chairman of Functional Medicine, Cancer Treatment Centers of America
12:15 pm - 12:45 pm	Panel Discussion	
12:45 pm - 2:15 pm	Lunch	
<i>Session Two: The Health to Disease Continuum: from Prevention to Treatment</i>		
2:15 pm - 3:00 pm	Nutrigenomics & Future of Healthcare	Deanna Minich, PhD, Founder, Food & Spirit
3:00 pm - 3:45 pm	Multianalyte profiling and definition of the phenotype	Joe McConnell, PhD, President & Co-Founder, Health Diagnostic Laboratory, Inc.
3:45 pm - 4:00 pm	Break	
4:00 pm - 4:45 pm	The Microbiome and It's Interaction in Health and Disease	Gerard Mullin, MD, Associate Professor of Medicine, Johns Hopkins Univ. School of Medicine
4:45 pm - 5:15 pm	Panel Discussion	

Day Two

<i>Session Three: The Application of "Omics" to Improving Cancer Treatment</i>		
8:30 am - 9:00 am	Review and Introduction	Jeff Bland, PhD, President, Personalized Lifestyle Medicine Institute
9:00 am - 9:45 am	Cancer Therapeutics: The Past, Present and Future	Siddhartha Mukherjee, MD, Assistant Professor of Medicine, Columbia University Medical Center
9:45 am - 10:30 am	History and Application of Genomics in Cancer Diagnosis	John Carpten, PhD, Deputy Director of Basic Science, Translational Genomics Research Institute
10:30 am - 10:45 am	Break	
10:45 am - 11:30 am	Personalized Cancer Care in the Age of "Omics"	Maurie Markman, MD, President of Medicine and Science, Cancer Treatment Centers of America
11:30 am - 12:00 pm	Panel Discussion	
12:00 pm - 1:30 pm	Lunch	
<i>Session Four- The Emergence of Wellness from Personalized Healthcare</i>		
1:30 pm - 2:15 pm	Biometrics, Wearable Devices and Wellness Medicine	Robin Berzin, MD, Founder, Parsley Health
2:15 pm - 3:00 pm	Epigenetics and its influence on the future of healthcare	Moshe Szyf, PhD, Professor of Pharmacology and Therapeutics, McGill University
3:00 pm - 3:15 pm	Break	
3:15 pm - 4:00 pm	The Development of a Wellness Economy	Paul Jacobson, CEO, WellnessFX
4:00 pm - 4:30 pm	Panel Discussion	
4:30 pm - 5:00 pm	Closing comments	Jeff Bland, PhD, President, Personalized Lifestyle Medicine Institute