

**MedImmune CA Translational Science Forum 2017**  
**Computer History Museum**

**Agenda**

<b>Time</b>	<b>Session</b>
7:00 AM	<b>ARRIVAL</b> <i>Registration and Breakfast</i>
8:00 AM	<b>WELCOMING REMARKS</b> Dr. Raffaella Faggioni, Senior Director, MedImmune Dr. Rachael Callcut, Associate Professor of Surgery, UCSF
8:15 AM	<b>MEDIMMUNE/ASTRAZENECA PRESENTATION</b> <b>Digital Health to Benefit Patients</b> Dr. Bahija Jallal, Executive Vice President, Head of MedImmune
8:45 AM	<b>OPENING KEYNOTE SPEECH:</b> <b>Capturing the Elusive Promise of Digital Health</b> Dr. David Shaywitz, Chief Medical Officer, DNAnexus
9:15 AM	<b>KEYNOTE SPEECH:</b> <b>Pharma 3.0: Moving from Widgets to Digits</b> Dr. James Mault, Senior Vice President and Chief Medical Officer, Qualcomm Life
9:45 AM	<b>KEYNOTE SPEECH:</b> <b>Revolutionizing Diagnostics and Drug Discovery with Machine Learning</b> Philip Nelson, Director of Engineering in Google Research, Google
10:15 AM	<b>BREAK</b>
10:35 AM	<b>Session 1: Cardiovascular and Metabolic Diseases</b> <b>PRESENTATION with Q&amp;A</b> <b><i>Transforming Data into Insights and Actions in Cardiovascular and Metabolic Diseases using Digital Technologies</i></b> Introduction by Anand Subramony, Vice President, Novel Product Technologies, MedImmune  <b>Wearable Technologies for Real-Time Continuous Bio-Sensing</b> Dr. Sumita Pennathur, Associate Professor in Mechanical Engineering, UC Santa Barbara  <b>Leveraging Biological Panomic Big Data and Artificial Intelligence to Disrupt Drug Development</b> Dr. Szilard Voros, Founder and CEO, Global Genomics group  <b>Deconstructing, Engineering, and Rewilding the Gut Microbiome</b> Dr. Justin Sonnenburg, Associate Professor in Microbiology and Immunology, Stanford University  <b>Design Framework for Digital Medical Device in Chronic Diseases</b> Rajan Patel, Chief Executive Officer, iO Lifescience

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<b>Time</b>	<b>Session</b>
12:20 PM	<b>NETWORKING LUNCH</b>
1:20 PM	<b>COMPANY SHOWCASE/CHALLENGE</b>
2:20 PM	<p><b>Session 2: Immuno-oncology</b>  <b>PRESENTATION with Q&amp;A</b>  <i>Digital Technology: Can it make a difference in Immuno-Oncology drug development?</i>            Introduction by Philip “Zach” Brohawn, Associate Director, Diagnostic Expert, MedImmune</p> <p><b>Comprehensive Genomic Profiling of Plasma and Immunotherapy Response Prediction</b>            Dr. Justin Odegaard, Senior Medical Director and Laboratory Co-Director, Guardant Health</p> <p><b>Deep Learning Uncovering New Biomarkers in Circulating Nucleic Acids to Improve Patient Stratification for Immunotherapy Response Prediction</b>            Riley Ennis, Co-founder and COO, Freenome</p> <p><b>Advancing Drug Development Using Artificial Intelligence and Computational Pathology</b>            Dr. Andrew Beck, Co-founder and CEO, PathAI</p> <p><b>Tracking Human T Cell Responses to Cancer Immunotherapy</b>            Dr. Lawrence Fong, Efim Guzik Distinguished Professor in Cancer Biology, UCSF</p>
4:05 PM	<b>BREAK</b>
4:25 PM	<p><b>KEYNOTE SPEECH:</b>  <b>Technology meets Neuroscience - A Vision of the Future of Brain Optimization</b>            Dr. Adam Gazzaley, Professor in Neurology, Founder and Executive Director at Neuroscape, UCSF</p>
4:55 PM	<p><b>WRAP UP REMARKS</b>            Dr. Matt Bell, COO, MedImmune</p>
5:10 PM	<b>NETWORKING RECEPTION</b>