

DNAnexus Connect 2017 Agenda

Kimpton Marlowe Hotel
Cambridge, MA

Thursday, October 5th At-A-Glance

8:30 AM – 9:00 AM	Breakfast and Registration
9:00 AM – 10:30 AM	Presentations
10:30 AM – 11:00 AM	Coffee Break
11:00 AM – 12:30 PM	Presentations
12:30 PM – 1:30 PM	Lunch
1:30 PM – 3:15 PM	Presentations
3:15 PM – 3:45 PM	Coffee Break
3:45 PM – 5:30 PM	Presentations
5:30 PM – 5:45 PM	Closing Remarks
6:00 PM – 8:00 PM	Networking Reception – Bambara Kitchen & Bar

Friday, October 6th At-A-Glance

8:30 AM – 9:00 AM	Breakfast and Registration
9:00 AM – 10:30 AM	Presentations
10:30 AM – 11:00 AM	Coffee Break
11:00 AM – 12:15 PM	Presentations
12:15 PM – 12:30 PM	Closing Remarks
12:30 PM – 1:30 PM	Lunch
1:30 PM – 3:30 PM	Hands-On Workshops

Thursday | October 5

8:30 AM – 9:00 AM

Breakfast and Registration

9:00 AM - 9:20 AM

Richard Daly, CEO, DNAnexus

DNAnexus Business Update from 36,000 Feet

9:20 AM - 10:00 AM

Steve Arlington, PhD, President, Pistoia Alliance

Pharmaceuticals and Healthcare Futures: Threats and Opportunities

10:00 AM - 10:30 AM

Bill Dalton, MD, PhD, CEO, M2Gen

Moving from a Reactive to a Proactive Approach to Cancer Care

10:30 AM - 11:00 AM

Coffee Break

11:00 AM - 11:30 AM

Fan Fan PhD, Vice President, Product, DNAnexus

Evolving from Secondary Analysis to a Multi-Omics Platform

11:30 AM - 12:00 PM

Jeffrey Reid, PhD, Executive Director, Genome Informatics, Regeneron

Birth of the Cool: Miles Past 100K Exomes

12:00 PM - 12:30 PM

Mathew Woodwark, PhD, Director of Research Bioinformatics, MedImmune

Integrative Informatics: How to Bring Semantic and Tabular Data Together to Drive Insight

12:30 PM - 1:30 PM

Lunch & DNAnexus Platform Demo

1:30 PM - 1:45 PM

Brady Davis, Vice President, Strategy & Marketing, DNAnexus

Choose Your Optimal Path to Variant Production: Real World Examples Demonstrate 30x Faster and 50% Cheaper Analysis

1:45 PM - 2:15 PM

Annerose Berndt, PhD, Vice President, Clinical Genomics at University of Pittsburgh Medical Center

Enabling Standard Bioinformatics Processing at UPMC's Genome Center

2:15 PM - 2:45 PM

Will Salerno, PhD, Director of Genome Informatics, Human Genome Sequencing Center (HGSC)
at Baylor College of Medicine
Translation of NIH Data in Discovery Commons

2:45 PM - 3:15 PM

Lightning Partner Talks

Angel Pizarro, TBDM, Amazon Web Services Research and Technical Computing
AWS Cloud. It goes up to 11.

Brendan Gallagher, Business Development Director, Sentieon
Sentieon: Enable Precision Data for Precision Medicine

Gavin Stone, Vice President Marketing, Edico Genome
Using Ultra-Rapid, Low-Cost DRAGEN Algorithms on DNAnexus

3:15 PM - 3:45 PM

Coffee Break

3:45 PM - 4:15 PM

Justin Johnson, Associate Director and Principal Translational Genomics Scientist, AstraZeneca
Integrated Genomics Approach to Transform Drug Discovery & Development

4:15 PM - 4:45PM

Fireside Chat: Using Machine Learning to Solve Challenges in Genomics

Moderator: George Asimenos, PhD, CTO, DNAnexus

Cory McLean, PhD, Senior Software Engineer, Google Brain Genomics

4:45 PM - 5:15 PM

Omar Serang, Chief Cloud Officer, DNAnexus

Redesigning the DNAnexus System Boundary for FedRAMP Moderate and QMS

5:15 PM - 5:30 PM

David Shaywitz MD, PhD, Chief Medical Officer, DNAnexus

Closing Remarks

6:00 PM

Networking Reception

You are invited to a DNAnexus-hosted networking reception at Bambara Kitchen & Bar inside Hotel Marlowe.



FRIDAY | OCTOBER 6

8:30 AM – 9:00 AM

Breakfast and Registration

9:00 AM - 9:20 AM

David Shaywitz, MD, PhD, Chief Medical Officer, DNAnexus
State of Precision Medicine: Update

9:20 AM - 9:50 AM

Andrew Carroll, PhD, Vice President, Science, DNAnexus
Next Generation Science: Developments and Roadmap for DNAnexus Science

9:50 AM - 10:00 AM

Lightning Partner Talk

Clifford Goldsmith, MD, Managing Director, US Provider Industry, Microsoft Health and Life Sciences
Microsoft's Vision: Improving Global Health through Digital Transformation

10:00 AM - 10:30 AM

Jinghui Zhang, PhD, Director of Computational Biology, St. Jude Children's Research Hospital
Cancer Genomic Analysis Tools and Pediatric Genome Data in the Cloud

10:30 AM - 11:00 AM

Coffee Break

11:00 AM - 11:15 AM

Brady Davis, Vice President, Strategy & Marketing, DNAnexus
Introducing DNAnexus Clinical Trial Analytics and Data Management PaaS

11:15 AM - 11:45 AM

Ling-Yang Hao, PhD, Principal Scientist, Immunology Biomarker, Janssen Pharmaceutical Companies of Johnson & Johnson
The Janssen Clinical NGS Platform

11:45 AM - 12:15 PM

Wendy Benson, Vice President, Strategic Initiatives, Rady Children's Institute for Genomic Medicine
Scaling a Rapid Precision Medicine Program for Acutely Ill Children

12:15 PM - 12:30 PM

David Shaywitz MD, PhD, Chief Medical Officer, DNAnexus
Closing Remarks

12:30 PM - 1:30 PM

Lunch & Setup for Hands-On Workshops

1:30 PM - 3:30 PM

Hands-On Workshops

- **New Frontiers in Bioinformatics:** Fast & cheap secondary analysis, structural variant calling, RNAseq, etc.
- **Production Track:** Running batch analysis, optimizing applications for the cloud, command line scripting, etc.