



DNAnexus Connect 2018 Agenda

Julia Morgan Ballroom
465 California St, San Francisco, CA

Tuesday, October 2nd 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 – 3:00 PM	Presentations
3:00 PM – 3:30 PM	Coffee Break
3:30 PM – 5:30 PM	Presentations
6:00 PM – 8:00 PM	Networking Reception

Wednesday, October 3rd 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
12:30PM – 1:30 PM	Lunch
1:30 PM – 3:30 PM	Hands-On Workshops

Tuesday | October 2

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

Jinghui Zhang, PhD, Director of Computational Biology, St. Jude

Explore the Genomic and Neoepitope Landscape of Pediatric Cancers on the Cloud

10:00 AM-10:30 AM

Andrew Carroll, PhD, Chief Science Officer, DNAnexus

A Virtuous Knowledge Cycle - How Bigger Data Inspires Better Methods and How These Convert Data to Knowledge

10:30 AM-11:00 AM

Coffee Break

11:00 AM-11:30 AM

John Penn, PhD, Manager, NGS Data Analysis, Regeneron Genetics Center

Scalable, Automated Processing of NGS Sequencing Supports RGC by Processing 300k-500k Samples a Year

11:30 AM - 12:00 PM

William Salerno, PhD, Director of Genome Informatics, Human Genome Sequencing Center

Baylor College of Medicine

Clinical Applications of >100,000 Whole Genomes

12:00 PM - 12:30 PM

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

Enabling Precision Medicine and Immunotherapy through UPMC's Genome Center

12:30 PM-1:30 PM

Lunch & Learn

1:30 PM-2:15 PM

AI & Deep Learning Panel

Deep Discussion - How new AI and ML Methods Drive Discovery in Genomics and Beyond

Panelists:

Agust Egilsson, Staff Engineer, Deep Learning at Natera
Peyton Greenside, Schmidt Science Fellow, Stanford University
Johnny Israeli, Manager, Deep Learning Genomics at NVIDIA
Ryan Poplin, Machine Learning Technical Lead, Google

2:15 PM - 2:45 PM

Mark DePristo, PhD, Head of Deep Learning for Genetics & Genomics at Google

Deep Learning in Genomics

2:45 PM - 3:00 PM

Jason Chin, Senior Director Deep Learning, DNAnexus

Solving the Last Mile Problem: Applying Deep Learning to Genomics in the Cloud

3:00 PM-3:30 PM

Coffee Break

3:30 PM - 4:15 PM

UK Biobank Panel

Drug Discovery in 500,000 Exomes: UK Biobank and the Future of Pharma

Panel Moderator: Jeffrey Reid, PhD, Executive Director & Head of Genome Informatics, Regeneron Pharmaceuticals

4:15 PM - 4:45 PM

Megan Laurance, Director Product Marketing, DNAnexus

DNAnexus Clinico-Genomic Data Solution: Multi-omic, Phenotypically Rich Disease-Specific Datasets to Accelerate Biomedical Research

4:45 PM - 5:15 PM

Greg Tranah, PhD, Director of Precision Medicine, Sutter Health

Large Healthcare Systems as Research Partners – Leveraging a Clinico-Genomic Data Infrastructure to Accelerate Discoveries and Improve Patient Outcomes

5:15 PM - 5:30 PM

Richard Daly, CEO, DNAnexus

Closing Remarks

6:00 PM

Networking Reception

You are invited to a networking reception at Wine & Wall

Wednesday | October 3

8:30 AM – 9:00 AM

Breakfast and Registration

9:00 AM - 9:30 AM

Fan Fan, PhD, Vice President Product Management, DNAnexus
Evolving from Secondary Analysis to a Multi-Omics Platform

9:30 AM - 10:00 AM

David Fenstermacher, PhD, Vice President R&D Bioinformatics, MedImmune
Leveraging Genomics for Target Identification in Drug Discovery

10:00 AM - 10:30 AM

Tim Bakker, Senior Project Manager, Data & Technology at Melbourne Genomics Health Alliance
How DNAnexus is Part of a System to Embed Genomics into Everyday Healthcare

10:30 AM - 11:00 AM

Coffee Break

11:00 AM - 11:30 AM

Multi-Technology Approaches for Deeper Understanding of the Evolution of Genome Sequences in Plants

11:30 AM - 12:15 PM

Live Demonstrations & Product Updates

12:15 PM - 12:30 PM

Richard Daly, CEO, DNAnexus
Closing Remarks

12:30 PM - 1:30 PM

Lunch & Learn

1:30 PM - 3:30 PM

Hands-On Workshops
Topics coming soon!