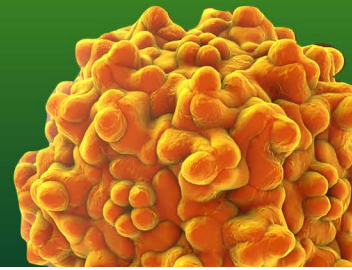


April 7-8, 2021

AGENDA

All times are listed in Eastern Time

Advancing CGT: A GENEWIZ & Brooks Life Sciences Virtual Event



WEDNESDAY, APRIL 7

THURSDAY, APRIL 8

9:30am
9:45am
10:00am
10:15am
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5:00pm

9:30am - 10:00am
EXHIBIT HALL

10:00am - 11:00am
WEBINAR
Linear DNA: Improving rAAV Production with Synthetic DNA

11:15am - 12:15pm
ROUNDTABLE DISCUSSION
(Invitation Only)

11:00am - 1:00pm
BREAK/ EXHIBIT HALL

1:00pm - 2:00pm
WEBINAR
Innovative Genomics & Cold Chain Solutions for Development of Cell and Gene Therapies

2:00pm - 2:15pm **BREAK**

2:15pm - 3:15pm
WEBINAR
Gene Editing Validation with Highly-Accurate HiFi Reads

3:15pm - 5:00pm
EXHIBIT HALL

9:30am - 10:00am
EXHIBIT HALL

10:00am - 11:00am
WEBINAR
Using Single-Cell Multiomics to Accelerate Cancer Immune Cell Therapy Research

11:00am - 1:00pm
BREAK/ EXHIBIT HALL

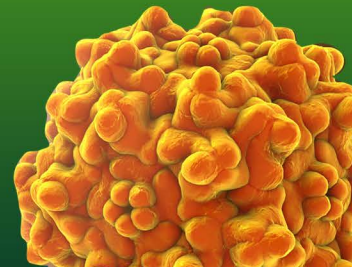
1:00pm - 2:00pm
WEBINAR
Cryopreservation and Logistics of Advanced Therapy Medicinal Products: A Cold Subject Suddenly Becomes a Hot Topic

2:00pm - 2:15pm **BREAK**

2:15pm - 3:15pm
WEBINAR
Functional Roles of the Novel Membrane-Associated AAV Protein MAAP

3:15pm - 5:00pm
EXHIBIT HALL

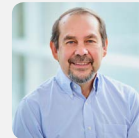
Advancing CGT: A GENEWIZ & Brooks Life Sciences Virtual Event



WEDNESDAY, APRIL 7

Presented By:

Linear DNA: Improving rAAV Production with Synthetic DNA



Jude Samulski, Ph.D.
President, Chief Scientific Officer,
and Co-Founder, AskBio

10:00 AM

rAAV vectors represent one of the most promising delivery vehicles but lack a highly-efficient manufacturing process. Learn how Synthetic Doggybone™ DNA (dbDNA™) technology is speeding up production and lowering costs, eliminating antibiotic-resistant genes from the AAV production process and final product, and generating a new type of AAV DNA precursor plasmids, the double-D dbDNA, to advance patient treatments.

Presented By:

Innovative Genomics & Cold Chain Solutions for Development of Cell and Gene Therapies



Elizabeth Louie, Ph.D.
Supervisor, Technical
Applications, GENEWIZ,
A Brooks Life Sciences
Company

1:00 PM

Interest in cell and gene therapy-based disease prevention and treatment has increased rapidly over the last few decades, however, there are still many hurdles to overcome and further progress to be made in the field. Explore GENEWIZ and Brooks Life Sciences' innovative cell and gene therapy tools across the clinical development pipeline, including AAV production services, biomaterial storage and transport solutions, cold chain products, and more.

Presented By:

Gene Editing Validation with Highly-Accurate HiFi Reads



Michael Weiland
Field Applications Manager,
AMR East for Pacific
Biosciences

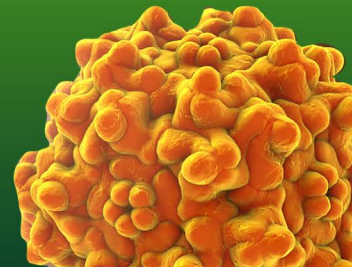
2:15 PM

Discover how leveraging PacBio's HiFi reads enable a much more comprehensive understanding of vector diversity, provide greater understanding of specific on-target changes, and discriminates sample heterogeneity at single-molecule resolution – allowing researchers discovery that cannot be interrogated with other sequencing methods due to read length limitations or amplification biases.



Andrea O'Hara, Ph.D.
Technical Application Scientist,
GENEWIZ, A Brooks Life
Sciences Company

Advancing CGT: A GENEWIZ & Brooks Life Sciences Virtual Event



THURSDAY, APRIL 8

10:00 AM

Using Single-Cell Multiomics to Accelerate Cancer Immune Cell Therapy Research

Cell therapies, including CAR T-cell therapy, are emerging as promising treatments, especially for hematological malignancies. However, challenges remain in developing this class of therapeutics, from deepening responses in blood-based tumors to expanding efficacy in solid tumors. Explore how 10x Genomics single-cell solutions can help uncover molecular insights into cell therapeutic efficacy and toxicity, transforming the way we approach immune cell therapies for cancer.

Presented By:



Adriana Suarez, Ph.D.
Science and Technology
Advisor, 10x Genomics

1:00 PM

Cryopreservation and Logistics of Advanced Therapy Medicinal Products: A Cold Subject Suddenly Becomes a Hot Topic

As evidenced by the recent COVID vaccine approvals, cryogenic storage and distribution at ultra-low temperatures is a challenge for the existing pharmaceutical infrastructure and a hinderance to the widespread distribution of advanced therapy medical products (ATMPs). Learn about potential solutions to overcome the challenges of ATMP development, from pre-clinical through commercialization.

Presented By:



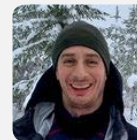
Brian J. Hawkins, Ph.D.
Chief Technology
Officer, Pluristyx, Inc.

2:15 PM

Functional Roles of the Novel Membrane-Associated AAV Protein MAAP

The adeno-associated virus (AAV) has evolved overlapping genes to maximize its genome use, as with the recently-discovered ORF in the cap gene which encodes a membrane-associated accessory protein (MAAP) located in the same genomic region as the VP1/2 unique domain. Discover how researchers lead by Dr. Galibert revealed some MAAP functions having important implications for better-quality and quantity production of AAV vectors for therapeutic purposes.

Presented By:



Lionel Galibert, Ph.D.
Senior Scientist, Kuopio
Center for Gene and Cell
Therapy