

Multiplex. At 37° C.



The European Commission assigned a research group in Spain to create an early detection system for bioterrorism threats. This team developed an isothermal assay that could detect 4 different biological warfare agents, simultaneously, in 25 minutes.

Hear more about this and other amazing innovations:
twistdx.co.uk/biodefence

RPA. It really works.

twistdx.co.uk | +44 (0)1223 496700



Built to see more from less
Accel-Amplicon™ CFTR Panel

**The most comprehensive, quick and sensitive assay
to sequence common and rare CFTR mutations**

- Covers all 27 exons in CFTR gene
- Sequence-ready libraries in 2 hours
- Requires only 10 ng
- Simple, single-tube assay

GET STARTED NOW: swiftbiosci.com/CFTR



One tube. Many answers.

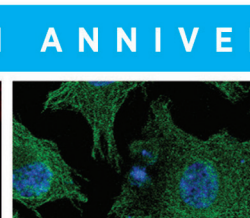
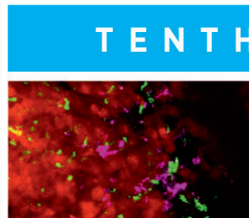
Ion AmpliSeq technology helps you get the most from your precious samples in a single NGS run

From inherited disease and cancer research to animal health studies, Ion AmpliSeq™ targeted next-generation sequencing (NGS) panels, combined with Ion Torrent™ systems, enable reliable, scalable analysis of many genes and important biomarkers, including SNPs, indels, and fusions—all with one panel, in just one NGS run.



See how Ion AmpliSeq technology can work for you at thermofisher.com/ampliseq

ThermoFisher
SCIENTIFIC



TENTH ANNIVERSARY

An AACR Conference on

THE SCIENCE OF CANCER HEALTH DISPARITIES IN RACIAL/ETHNIC MINORITIES AND THE MEDICALLY UNDERSERVED

September 25-28, 2017 | Sheraton Atlanta Hotel | Atlanta, GA

Register and Save By: Thursday, August 10, 2017

CONFERENCE COCHAIRS



John M. Carethers
University of Michigan,
Ann Arbor, MI



Christopher I. Li
Fred Hutchinson Cancer Research Center,
Seattle, WA



Rick A. Kittles
University of Arizona Cancer Center,
Tucson, AZ



Electra D. Paskett
Ohio State University Comprehensive
Cancer Center, Columbus, OH

ABOUT THIS CONFERENCE

The AACR Cancer Health Disparities Conference advances the understanding of and, ultimately, helps to eliminate the disparities in cancer that represent a major public health problem in our country. By promoting the exchange of novel ideas and information among a wide range of professionals from academia, industry, government, and the community, the conference harnesses the potential and maximizes the many opportunities for bringing research on health disparities from bench to bedside to community and back again. The goals of the conference are to bring together scientists and other professionals working in a variety of disciplines, to discuss the latest findings in the field, and to stimulate the development of new research in cancer health disparities. Make plans now to join us for this exciting program.



Continuing Medical Education (CME) Activity—AMA PRA Category 1 Credits™ available

Learn more and register at
AACR.org/Disparities17

#AACRdisp17

AACR American Association
for Cancer Research

FINDING CURES TOGETHER®



Echo® Acoustic LIQUID HANDLING
for GENOMICS



DOWNLOAD
APPLICATION NOTE

FEATURED APPLICATION NOTE

Effective Miniaturization of Illumina Nextera XT Library Prep for Multiplexed Whole Genome Sequencing and Microbiome Applications

Miniaturize Reaction Volumes

with high-precision acoustic liquid handling

Echo® Acoustic Liquid Handling technology is changing the traditional tip-based processes of genomic research by offering researchers the ability to miniaturize reaction volumes, resulting in significant reductions in costs related to reagents and samples. Non-contact acoustic transfers are also contamination-free and highly reproducible, and offer incomparable speed, precision and accuracy. Furthermore, the ability to transfer from any well to any well allows researchers to test a wide range of conditions repeatedly from a single source plate for assay optimization.

Reduce reagent costs, save samples, and eliminate steps – all while improving quality and throughput.

- Achieve 20-fold reduction in reaction volumes for tagmentation and PCR reactions
- Transfer 25 nL volume increments without compromise to coverage and data
- Sequence more samples in less time with higher throughput and productivity

For more information, visit www.labcyte.com/sequencing.

LABCYTE ™
The Future of Science is Sound

© 2017 LABCYTE INC. All rights reserved. Labcyte®, Echo®, and the Labcyte logo are registered trademarks or trademarks of Labcyte Inc., in the U.S. and/or other countries.

FOR RESEARCH USE ONLY. Not for use in diagnostic procedures.

 @LabcyteInc

info-us@labcyte.com

ESMO 2017

Register now and save!

MADRID SPAIN
8-12 SEPTEMBER 2017

**Integrating science into oncology
for a better patient outcome**

Organiser



Partner



IMPORTANT DEADLINES

7 June 2017	Early registration
19 July 2017	Late-breaking abstracts
9 August 2017	Late registration

NGS TECH & APPLICATIONS CONGRESS: USA



NGS Technologies as a Tool for Progressing Medical Research

Join us in examining the latest next-generation sequencing technologies, analysis methods and applications across topics at the frontier of genomics, including nanopore sequencing, personalized medicine and genetic screening.

Attendees are free to join talks at the co-located qPCR & Digital PCR Congress and Microfluidics Congress; providing numerous opportunities to network with those from related disciplines.

The visit can also be extended with four workshops including:

NGS clinical applications

Microfluidics and lab-on-a-chip technologies

TATAA biocentre

Innovations in digital nucleic acid amplification

To secure your complimentary ticket, visit: www.global-engage.com/event/ngs-clinical/#register

SPEAKERS INCLUDE:



MICHAEL SNYDER

Professor and Chair of Genetics;
Director, Stanford Center for
Genomics and Personalized
Medicine, Stanford University



**JOHN D.
MCPHERSON**

Professor, Deputy Director and
Associate Director for Basic Science,
Comprehensive Cancer Center,
University of California Davis



SARA GOODWIN

Technology Development Manager,
Cold Spring Harbor Laboratory



ROMAN YELENSKY

EVP of Bioinformatics and
Sequencing, Gritstone Oncology

Custom Oligonucleotides

- ◆ Regular oligos
- ◆ Long oligos
- ◆ Phosphorothioated oligos (S-Oligos)
- ◆ Modified oligos
- ◆ Fluorescent oligos
- ◆ Taqman probes
- ◆ Molecular beacon
- ◆ Oligo pool & microarray

Custom Peptide Synthesis

- ◆ Purities from desalt to 98%
- ◆ Acetylation/Amidation
- ◆ Phosphorylated peptides
- ◆ Fluorescein/Biotin labeled peptides
- ◆ Specialty peptides with unnatural amino acids
- ◆ Cyclic peptides
- ◆ KLH/BSA/OVA Conjugation
- ◆ Multiple Antigenic Peptides
- ◆ Peptide nucleic acid (PNA)

High Efficiency Chemically Modified Synthetic sgRNA for CRISPR

Essential for CRISPR Editing
in Primary, Stem Cells,
Therapeutic Applications
and Challenging Cell Lines.