

# You've been looking at cancer. Now, see it fully.

PacBio long-read sequencing with **SPRQ** chemistry reveals every variant, isoform, and methylation marker—in a single run.



SVs, indels,  
SNVs, CNVs



Methylation and  
epigenomic signals



Full transcripts,  
fusions, splicing




Phased somatic  
mutations

## See cancer like never before.



**PacBio**



**SCALE**  
biosciences

# DEFY SINGLE CELL GRAVITY

Escape platform constraints with  
QuantumScale Single Cell RNA



QuantumScale is powering the next generation of single cell with one flexible platform to meet any scale and research vision. Easily scale projects with a range of kit sizes for proof-of-concept studies or even massive projects, from 84,000 to 4 million cells, all with one streamlined workflow.

Learn More at [scale.bio](https://scale.bio)

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**PacBio**



# g-TUBE for DNA Shearing



Advance your research with breakthrough shearing technology for DNA fragment lengths of 6–20 kb. Each g-TUBE contains an engineered shearing orifice. When the g-TUBE is centrifuged, the DNA sample is forced through the orifice and the DNA is subjected to controlled shearing forces. Fragment size is selected by setting the centrifugation speed.

- Sample volume: 150  $\mu$ L | Tube size: 11x45 mm
- Easy-to-use shearing consumable, no clean-up
- Ideal for Next-Gen Sequencing (NGS) applications needing longer DNA fragments

## Versatile and Efficient DNA Shearing - with the Covaris g-TUBE

- ✓ **Versatile:** Perfect for direct sequencing, mate-pair libraries, and other applications that require longer DNA fragments
- ✓ **Selectable Fragment Size:** g-TUBE shears DNA in user-selectable fragment sizes ranging from 6–20 kb
- ✓ **Highly Reproducible:** DNA shearing results with g-TUBE are reproducible assay-to-assay, lab-to-lab, and day-to-day
- ✓ **Fast and Scalable:** Shear 6–20 kb fragments in 2 minutes or less and run multiple samples simultaneously
- ✓ **Efficient:** High sample recovery (90%+) with a closed vessel process
- ✓ **Economical:** Use with a microcentrifuge – no other equipment needed



# Moving Health Forward Together

At Bionano, we strive to elevate health and wellness for all people through customer-centered innovations that transform the way the world sees the genome.

Learn how Optical Genome Mapping provides high-resolution structural variant detection for cancer and constitutional genetic diseases at [bionano.com](https://www.bionano.com).



## FOCUS AREAS AND APPLICATIONS

### Oncology



Solve the complex biology of hematological malignancies and solid tumors by revealing structural variants traditional methods miss.

### Genetic Disease



See chromosomal aberrations with digital resolution and deliver new answers for reproductive health issues, neurodevelopmental delay and rare disease.

### Cell Bioprocessing



Enhance your quality control and ensure the genomic integrity and stability of cell lines for producer cell lines, research cell lines, and cell and gene therapy applications.

### Cytogenomics

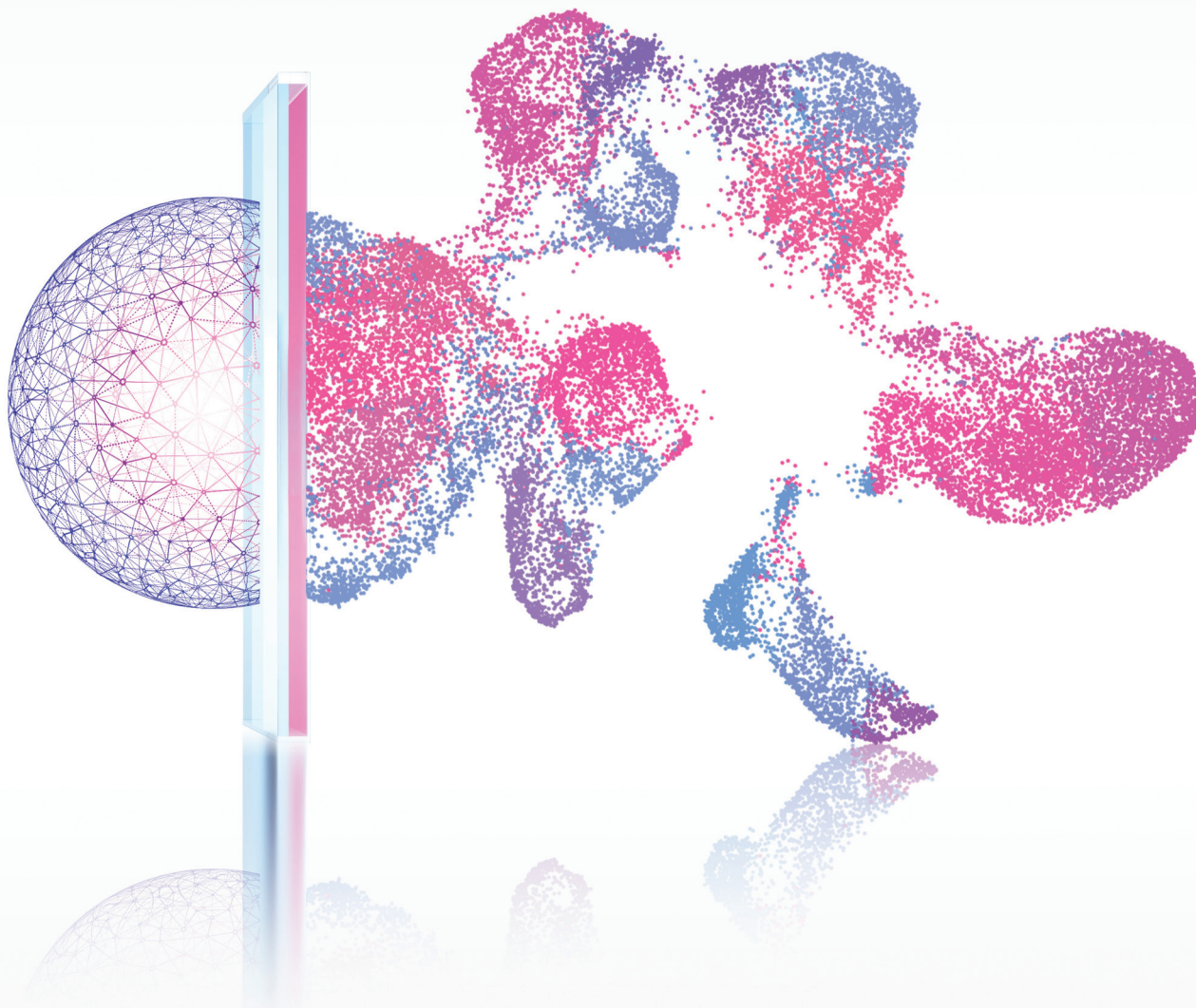


Achieve more comprehensive structural variant profiles than sequencing alone provides and maximize pathogenic findings in your cancer and genetic disease research.

### Molecular Genomics



Transform your laboratory workflow and detect all classes of chromosomal aberrations in cancer and genetic disease cases with digital resolution.



# Transform your understanding of what's possible with single cell

## Start strong with expert support

Getting started with single cell research has never been easier, thanks to our dedicated support network. Explore our learning resource to see how partnering with 10x Genomics gives you access to:

- Guidance from technical experts for everything from planning to data analysis
- 1,000+ core labs globally to run 10x assays without capital equipment investments
- A researcher community with shared expertise from 9,000+ single cell publications
- Assay options with compatible partners, including long-read sequencing and custom probe design



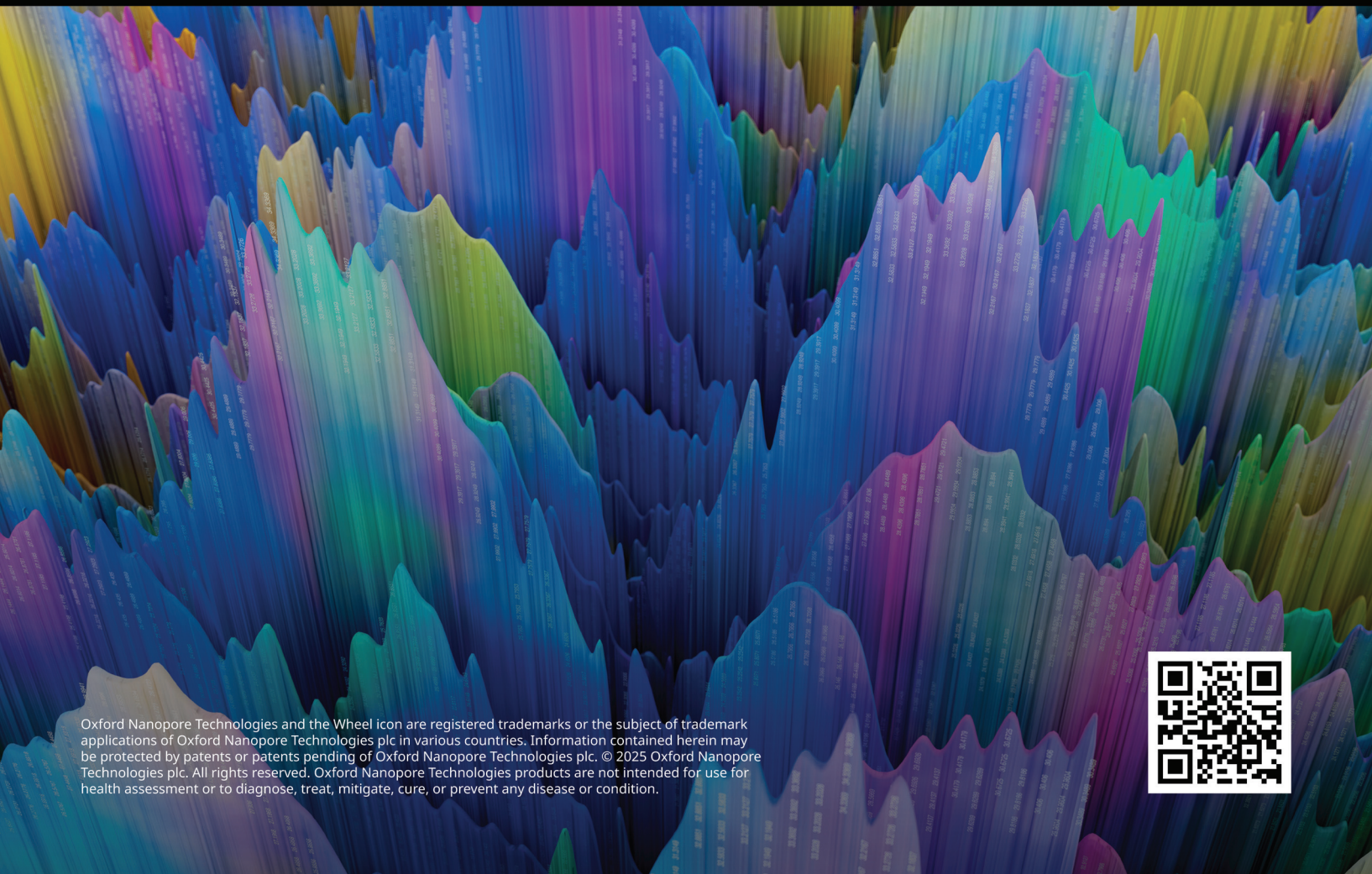
**Start learning:** [10xgen.com/NTSC](https://10xgen.com/NTSC)



What you're missing matters.

Groundbreaking speed. Any-length sequencing reads. Rich datasets, including epigenetic information, fusions, structural variations, and more. All in a platform that sits on your lab bench. You'll never see sequencing the same way again.

# Generate ultra-rich data for answers with impact.



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# DNA-Free Enzymes

Advanced purification techniques devoid genomic and plasmid DNA from the production strain

At SBS Genetech, we understand the critical importance of uncontaminated reagents for researchers around the globe. That's why we've harnessed **advanced technology to eliminate host DNA from our enzyme products**, ensuring unparalleled purity and reliability in scientific research. We now offer **over 80 commonly used enzymes and mastermixes that are DNA-Free**.

## Ensuring Accuracy in Diagnostics

In molecular diagnostics, even trace amounts of contaminating DNA can compromise the sensitivity and accuracy of tests like PCR and NGS. DNA-free enzymes help maintain the integrity of these diagnostic assays, leading to more reliable disease detection and monitoring.

## Supporting Precise Research

In fields such as cell and tissue culture, genetic engineering, and environmental microbiology, the presence of foreign DNA can skew results and hinder scientific progress. DNA-free enzymes provide the purity needed to conduct precise and reproducible research.

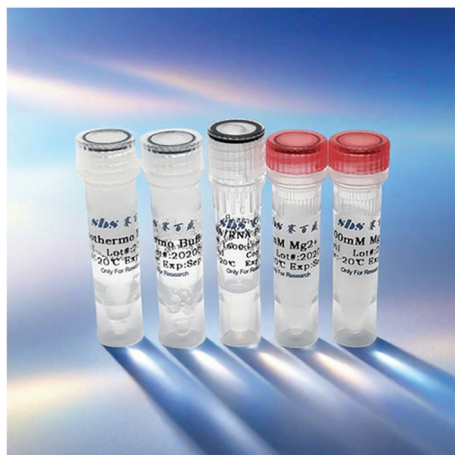
## Preventing Contamination

Host DNA can interfere with experiments by introducing unwanted genetic material, leading to false positives and inaccurate results. Removing host DNA ensures that the outcomes are solely due to the intended variables.

## Upholding Quality Standards

High-quality, DNA-free enzymes undergo rigorous purification and testing processes, ensuring that they meet strict standards of purity. This gives researchers confidence in the reliability of their reagents and the validity of their experimental outcomes.

## 80+ DNA-Free Enzymes & Mastermixes are Available



- DNA-Free M-MLV Reverse Transcriptase
- DNA-Free Taq DNA Polymerase
- DNA-Free HS Taq DNA Polymerase
- DNA-Free Pfu DNA Polymerase
- DNA-Free HS Pfu DNA Polymerase
- DNA-Free HiFi Taq DNA Polymerase
- DNA-Free HS HiFi Taq DNA Polymerase
- DNA-Free PAGE Taq DNA Polymerase
- DNA-Free Thermostable Inorganic Pyrophosphatase
- DNA-Free Inorganic E.coli Pyrophosphatase
- DNA-Free Inorganic Pyrophosphatase
- DNA-Free Thermostable UDG
- DNA-Free Trt DNA Polymerase
- DNA-Free Tma Endonuclease III
- DNA-Free E. coli Endonuclease III (Nth)
- DNA-Free T7 RNA Polymerase
- DNA-Free E. coli Poly(A) Polymerase
- DNA-Free mRNA Cap 2'-O-Methyltransferase
- DNA-Free mRNA-Capping Enzyme
- DNA-Free T4 DNA Ligase
- DNA-Free T4 Gene 32 Protein
- DNA-Free T4 UvsX Recombinase
- DNA-Free T4 UvsY Protein
- DNA-Free Bst DNA Polymerase (Full Length)
- DNA-Free Bst DNA Polymerase (Large Fragment)
- DNA-Free Bsu DNA Polymerase (Large Fragment)
- DNA-Free Sau DNA Polymerase (Large Fragment)
- DNA-Free phi29 DNA Polymerase
- DNA-Free Streptavidin
- DNA-Free RNase T
- DNA-Free PBCV-1 DNA Ligase
- DNA-Free KlenTaq-S Sequencing Polymerase
- DNA-Free Taq DNA Sequencase
- DNA-Free T4 DNA Polymerase
- DNA-Free T4 DNA Polymerase (exo-)
- DNA-Free E. coli DNA Polymerase I
- DNA-Free Klenow Fragment of EcDNApol I
- DNA-Free Klenow Fragment (exo-) of EcDNApol I
- DNA-Free Taq 2xSuperMix
- DNA-Free HS Taq 2xSuperMix
- DNA-Free Pfu 2xSuperMix
- DNA-Free HS Pfu 2xSuperMix
- DNA-Free One-Step RT-PCR Mix
- DNA-Free HSTaq UDG qPCR Mix (SYBR Green)
- DNA-Free HSTaq UDG qPCR Mix (Taqman)
- DNA-Free One-Step RT-qPCR Mix (SYBR Green)
- DNA-Free One-Step RT-qPCR Mix (Taqman)
- .....



CELLECTA

## Immune receptor repertoire profiling. Your new superpower.

Introducing the **DriverMap™ Adaptive Immune Receptor (AIR) Profiling Assay**

### Start with total RNA or DNA

- Comprehensive profiling of all 7 TCR/BCR isoforms
- Accurate detection of functional isoforms only, not pseudogenes or ORFs
- Reproducible results from blood, tissue, FFPE or any immune sample

Do you have human or mouse DNA or RNA samples? **Work with us.**  
**Learn more at [cellecta.com/drivermap-air](https://cellecta.com/drivermap-air)**

### Who we are

Cellecta Inc., a trusted provider of genomic products and services, has successfully collaborated with the world's leading pharma, biotech, government, and academic institutions since 2006. Our recognized expertise in viral vector production, functional screening, cell engineering and multiplex qRT-PCR has given rise to a portfolio of offerings useful for loss-of-function and gain-of-function phenotypic screening, cell barcoding, targeted RNA-Seq and adaptive immune receptor profiling, and more.

**We help power your discovery efforts.**

[www.cellecta.com](https://www.cellecta.com) [info@cellecta.com](mailto:info@cellecta.com) +1 650-938-3910



CELLECTA

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Functionality,  
reimagined.



## The New Vortex Mixer

- Mix and vortex in one compact device
- Precisely set speed and duration controls
- Glove compatible touchscreen
- Quickly vortex tubes with just one touch

The Vortex Mixer is ideally suited for assay protocols that require gentle mixing, all the way up to resuspensions that require vigorous vortexing. Find out more at [usascientific.com/vortex\\_mixer](https://usascientific.com/vortex_mixer).



Schedule a  
demo!

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SCIENTIFIC  
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**AACR** American Association  
for Cancer Research®

# 2025-2026 SCIENTIFIC CONFERENCES

Presenting the most significant research on cancer etiology, prevention,  
diagnosis, and treatment



## **INTERNATIONAL CONFERENCE ON MALIGNANT LYMPHOMA (ICML)**

June 17-21 | Lugano, Switzerland

## **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**

July 10-12 | Montreal, QC, Canada

## **18TH AACR CONFERENCE ON THE SCIENCE OF CANCER HEALTH DISPARITIES IN RACIAL/ETHNIC MINORITIES AND THE MEDICALLY UNDERSERVED**

September 18-21 | Baltimore, MD

## **ADVANCES IN OVARIAN CANCER RESEARCH**

September 19-21 | Denver, CO

## **MECHANISMS OF CANCER IMMUNITY AND CANCER-RELATED AUTOIMMUNITY**

September 24-27 | Montreal, QC, Canada

## **ADVANCES IN PEDIATRIC CANCER RESEARCH**

September 25-28 | Boston, MA

## **ADVANCES IN PANCREATIC CANCER RESEARCH**

September 28-October 1 | Boston, MA

## **AACR-NCI-EORTC INTERNATIONAL CONFERENCE ON MOLECULAR TARGETS AND CANCER THERAPEUTICS**

October 22-26 | Boston, MA

## **AACR-KCA JOINT CONFERENCE ON PRECISION MEDICINE IN CANCER**

November 13-14, 2025 | Busan, Korea

## **CANCER EVOLUTION**

December 4-6 | Albuquerque, NM

## **SAN ANTONIO BREAST CANCER SYMPOSIUM**

December 9-12 | San Antonio, TX

## **THE RISE IN EARLY ONSET CANCERS – KNOWLEDGE GAPS AND RESEARCH OPPORTUNITIES**

December 10-13 | Montreal, QC, Canada

## **FUSION-POSITIVE CANCERS**

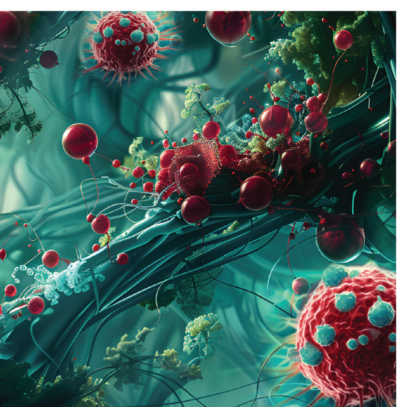
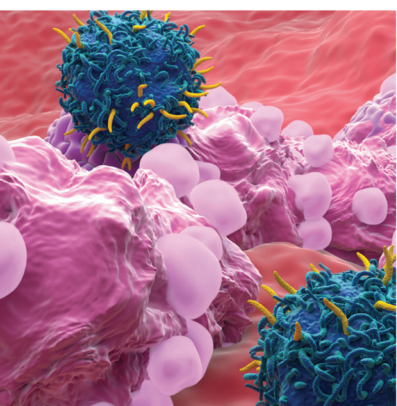
January 13-15, 2026 | Philadelphia, PA

## **AACR IO DISCOVERY AND INNOVATION IN CANCER IMMUNOLOGY: REVOLUTIONIZING TREATMENT THROUGH IMMUNOTHERAPY**

February 18-21, 2026 | Los Angeles, CA

## **ADVANCES IN KIDNEY CANCER RESEARCH**

March 1-16, 2026 | Philadelphia, PA



Learn more  
and register



Connect with us @AACR



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# KEYSTONE SYMPOSIA

Accelerating Life Science Discovery

## ANNOUNCING 2025 FALL MEETINGS:



### Long COVID & Other Post-Acute Infection Syndromes

Aug 10–13, 2025 | Santa Fe, NM, US

**Lead Organizer & Speaker:** Akiko Iwasaki, Yale University

**Keynote by:** Michael J. Peluso, UC San Francisco



<https://keysym.us/KSCOVID26CSH>

### AI in Molecular Biology

Sep 15-18, 2025 | Santa Fe, NM, US

**Keynote by:** Barbara Engelhardt, Stanford University  
**Scientific Organizers:** David R. Kelley and Jean Fan



<https://keysym.us/KSAIMolBio26CSH>



### Predicting & Responding to Emerging Viral Infections

Oct 13–16, 2025 | Geneva, Switzerland

**Keynote by:** Maria D. Van Kerkhove, WHO

**Lead Organizer & Speaker:** Suresh Mahalingam



<https://keysym.us/KSViralInfection26CSH>

### Plant Epigenetics & Epigenome Engineering

Oct 13–16, 2025 | Fort Collins, CO, US

**Keynote by:** Xiaofeng Cao, Institute of Genetics & Developmental Biology, Chinese Academy of Sciences

**Lead Organizer & Speaker:** Doris Wagner, University of Pennsylvania



<https://keysym.us/KSPlantEpigen26CSH>

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Oxford Nanopore  
Technologies



# Reveal novel cancer biology

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Discover novel transcripts and fusion genes, full isoform diversity, and modifications with direct RNA nanopore sequencing. See the most comprehensive view of the cancer transcriptome.

biomodal

Identify **novel biomarkers** for early detection of cancer from cfDNA with the **6-base genome**

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