

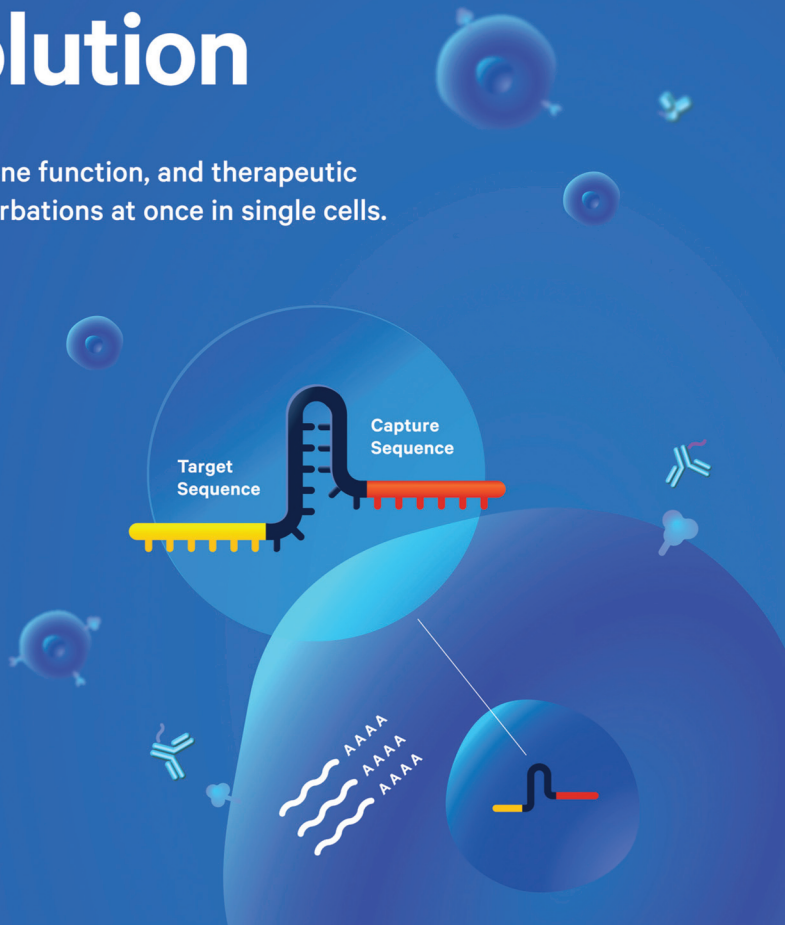
Chromium Single Cell CRISPR Screening

Functional genomics at single cell resolution

Study the complexity of development, disease, gene function, and therapeutic response by analyzing tens to thousands of perturbations at once in single cells.

With Chromium Single Cell CRISPR Screening from 10x Genomics, researchers can:

- Directly link CRISPR perturbations to multiomic single cell phenotypes, including gene and cell surface protein expression
- Scale functional genomics screens with a streamlined, high-throughput single cell CRISPR screening workflow
- Generate detailed, high-content data, offering deeper insights in about half the time required for a pooled screen



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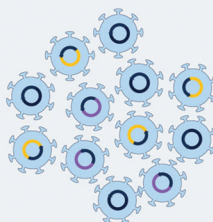
Bringing scale and single cell resolution to functional CRISPR screens

With Chromium Single Cell CRISPR Screening from 10x Genomics, researchers can profile thousands of different CRISPR perturbations and detect single-guide RNAs (sgRNAs) with directly linked gene expression phenotypes at single cell resolution. This comprehensive approach empowers researchers to explore the complete transcriptomic effects of genetic perturbations with greater throughput, experimental efficiency, and resolution than bulk CRISPR screening or individual knockouts.

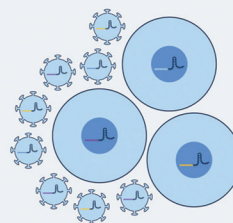
Design your CRISPR library



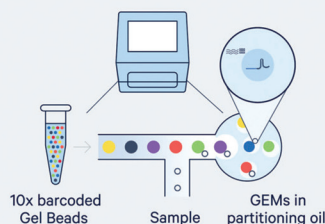
Assemble lentivirus



Infect and select your cells



Construct your 10x Genomics libraries



Sequence libraries



Discover new insights



Learn more

Scan the QR code for the Chromium Single Cell CRISPR Screening product sheet



Explore New Dimensions Through Spatial Context with MERSCOPE®, the Premier Platform for Spatial Genomics

The MERSCOPE® Platform is powered by MERFISH technology, providing exceptional resolution from whole tissue to sub-cellular levels for *in situ* single-cell spatial genomics. The platform's high sensitivity detects even lowly expressed genes with a sequencing-free, automated workflow.



Available now, discover how the MERSCOPE Platform can advance your research.

We have had the privilege of supporting
renowned researchers from almost 60
countries, delivering exceptional service.

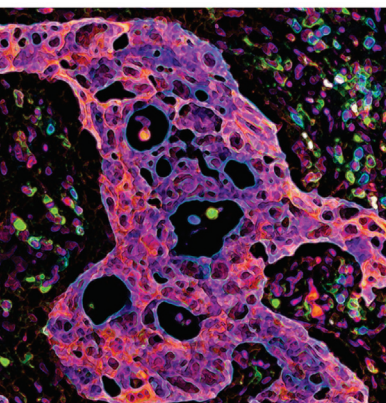
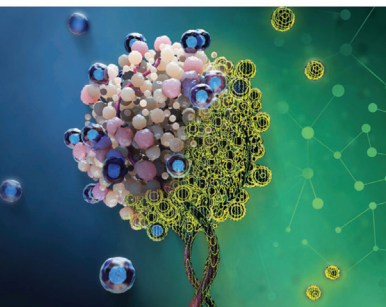
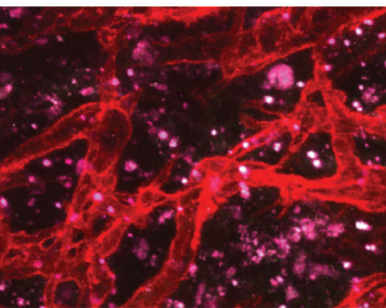
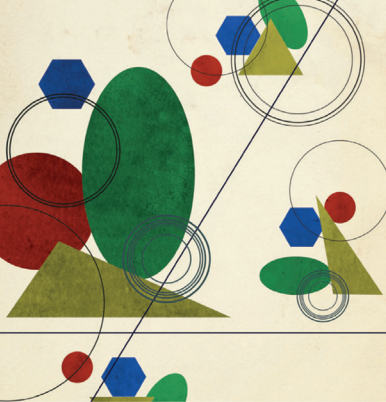
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Celeste Simon, Cheryl Lyn Walker, and
Qing Zhang

Second JCA-AACR Precision Cancer Medicine International Conference

June 28-30, 2023 | Kyoto, Japan

Conference Cochairs: Hiroyoshi Nishikawa
and Charles Swanton

AACR-AHNS Head and Neck Cancer Conference: Innovating through Basic, Clinical, and Translational Research

July 7-8, 2023 | Montréal, QC, Canada

Conference Cochairs: Joseph A. Califano,
Maura L. Gillison, Sana D. Karam, and
Jose P. Zavallos

Molecular Biology in Clinical Oncology Workshop

July 16-22, 2023 | San Diego, CA

Workshop Director: Ross L. Levine
Workshop Codirectors: Christine M. Lovly and
Jean Y. Tang

ASCO/AACR Methods in Clinical Cancer Research Workshop

July 23-29, 2023 | La Jolla, California

Workshop Codirectors: Manuel Hidalgo, Julie M.
Vose and Thomas M. Braun

CRI-ENCI-AACR Seventh International Cancer Immunotherapy Conference: Translating Science Into Survival

September 20-23, 2023 | Milano, Italy

Conference Cochairs: Pier Francesco Ferrucci,
Christoph Huber, Padmanee Sharma, and
Arlene H. Sharpe

Pancreatic Cancer

September 27-30, 2023 | Boston, MA

Conference Cochairs: Christine A. Iacobuzio-
Donahue, Anirban Maitra, Rosalie C. Sears
and Jen Jen Yeh

The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved

September 29–October 2, 2023 | Orlando, FL

Conference Cochairs: Ronny A. Bell, Gloria D.
Coronado, Sophia H. L. George, Augusto C.
Ochoa, Renee Reams, and Tiffany A. Wallace

Tumor Immunology and Immunotherapy

October 1-4, 2023 | Toronto, ON, Canada

Conference Cochairs: Philip D. Greenberg,
Pamela S. Ohashi, Andrea Schietinger, and
Mario Sznol

Ovarian Cancer

October 5 - 7, 2023 | Boston, MA

Conference Cochairs: Frances R. Balkwill,
Benjamin G. Neel, Kunle Odunsi and Elizabeth
M. Swisher

AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics

October 11-15, 2023 | Boston, MA

Conference Cochairs: Timothy A. Yap, Tim F.
Greten and E.G. Elisabeth de Vries

AACR-KCA Joint Conference on Precision Medicine in Cancer

November 15-17, 2023 | Seoul, South Korea

Conference Cochairs: Tae Min Kim and
Elaine R. Mardis

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RNA-SEQ SINGLE CELLS

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SINGLE-CELL SPATIAL TRANSCRIPTOMICS CELLS

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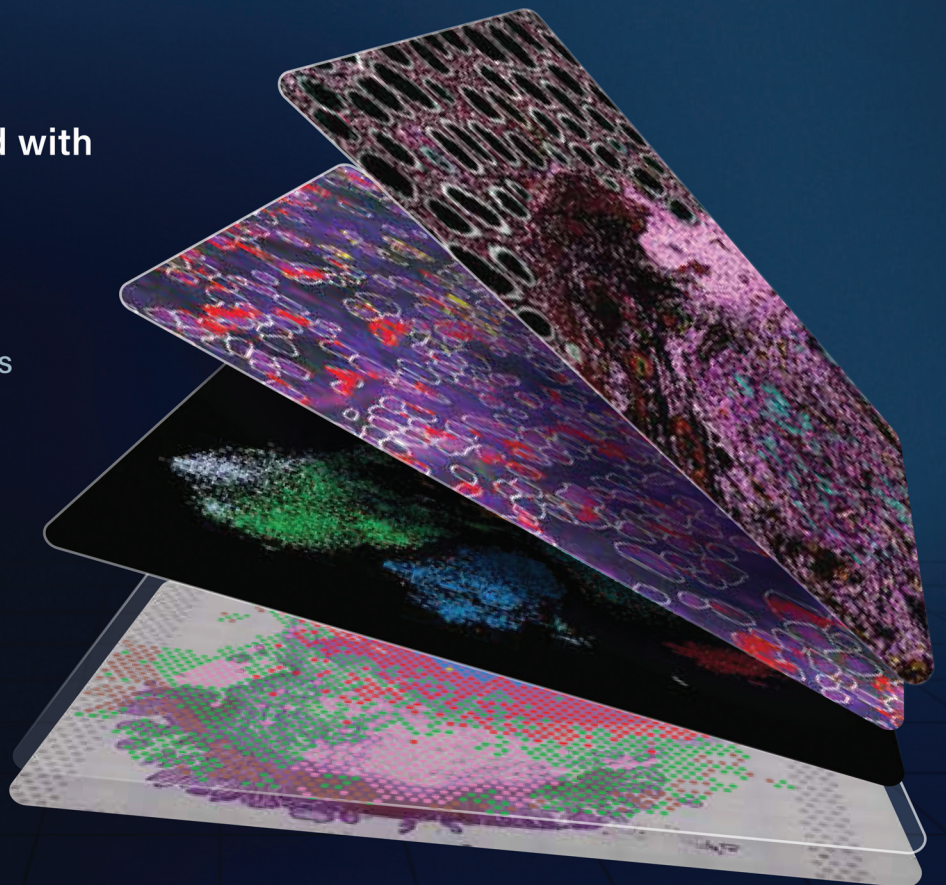
SPATIAL PROTEOMICS CELLS

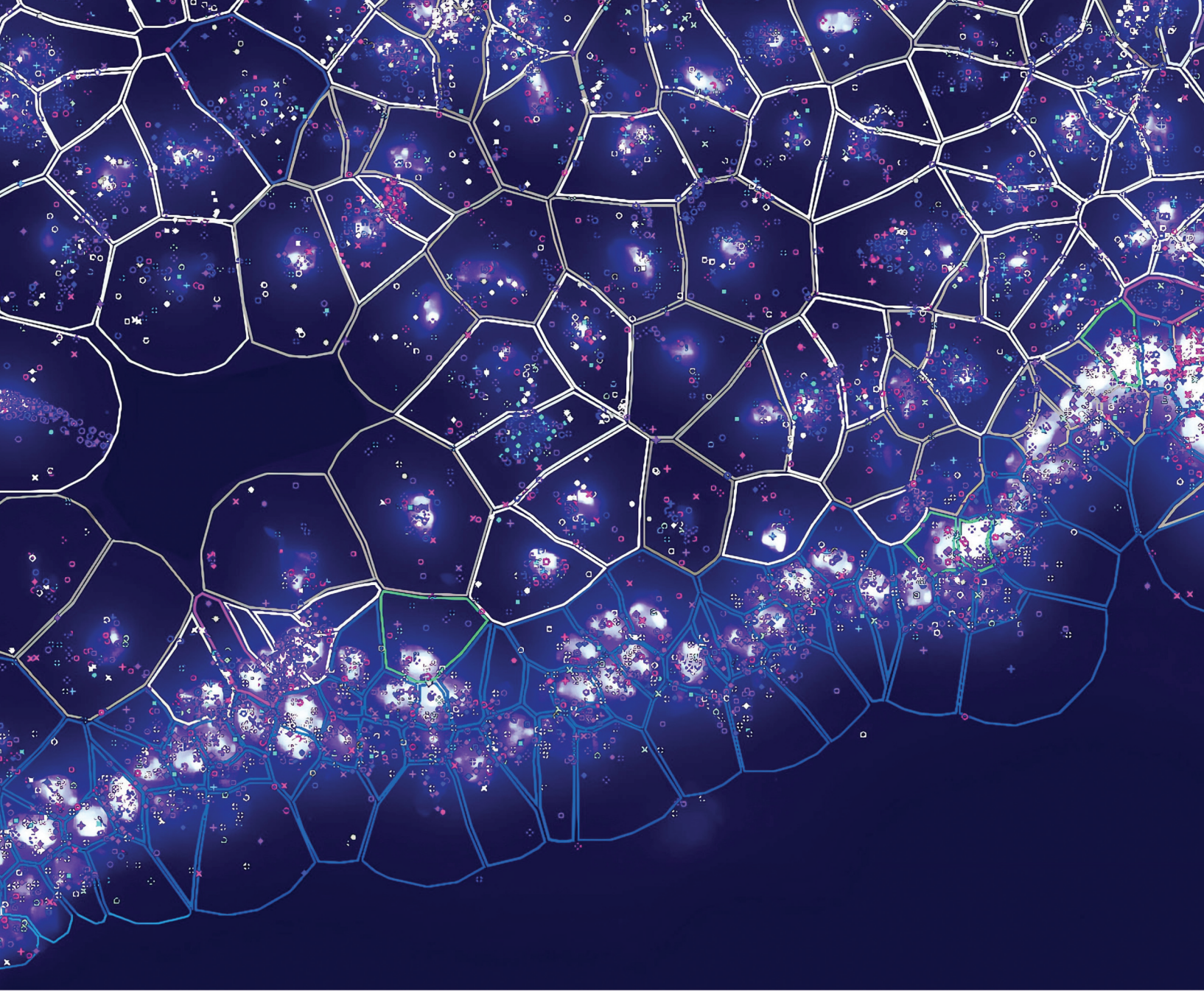
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