



10x Genomics

ABOUT

10x Genomics was founded on the vision that this century will bring advances in biomedicine and transform the way we understand and treat disease. We deliver powerful, reliable tools that fuel scientific discoveries and drive exponential progress to master biology to advance human health. Our end-to-end single cell and spatial solutions include instruments, consumables, and intuitive software, letting you unravel highly intricate biological systems, while bringing into focus the details that matter most.

INDUSTRY TALK



Dr. Sara Milosevic, Senior Science and Technology Advisor

Beyond Boundaries: Unlocking Cellular and Spatial Architecture with 10x Genomics Platforms

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Traditional bulk analyses often obscure critical cellular heterogeneity. Whether deployed independently or integrated as a cohesive multiomic workflow, 10x Genomics platforms offer

flexible, unmatched precision. Single-cell technology reveals deep cell-type diversity, while spatial solutions map expression directly in intact tissue—allowing researchers to run standalone projects or combine modalities to move seamlessly from unbiased discovery to targeted validation.

Our integrated platform ecosystem empowers flexible, comprehensive biological research:

- *Chromium Single Cell: Enables high-throughput whole-transcriptome profiling and comprehensive multiomic solutions to track immunoprofiling (5' VDJ), check chromatin accessibility (ATAC), profile FFPE/fixed tissues (FLEX), and perform perturbation screening.*
- *Visium HD: Delivers whole-transcriptome spatial mapping down to single-cell scale resolution without sample limitations, utilizing direct poly(A) capture for Fresh Frozen (FF) and probe-based chemistry for FFPE tissue sections respectively.*
- *Xenium In Situ Analysis: Delivers subcellular spatial profiling directly within tissue sections to target hundreds to thousands of transcripts simultaneously.*
- *Atera Spatial Platform: Our latest in situ platform, engineered for whole-transcriptome spatial discovery with single-cell sensitivity, delivering high-speed, uncompromised imaging at scale.*

Supported by intuitive data analysis software like Loupe Browser and 10x Cloud, 10x Genomics empowers scientists to map biological landscapes and accelerate therapeutic discovery. Join us to learn how standalone or combined single-cell and spatial multiomics can transform your research.