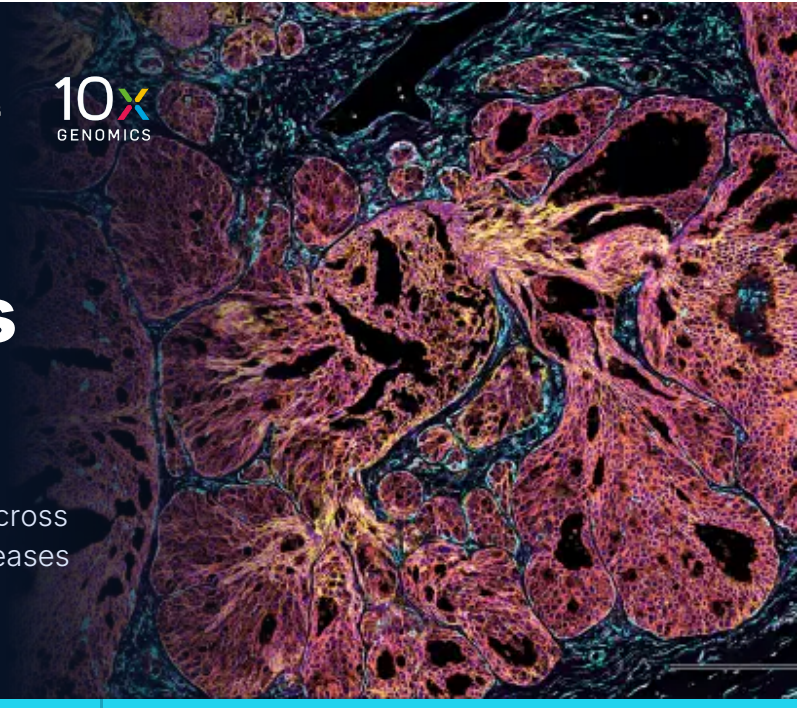
ROUND TABLE · PIs & POSTDOCS

Spatial Multiomics Meets Atera

Whole-transcriptome spatial biology at subcellular resolution: what it means for predictive medicine across oncology, immunology, neuroscience and rare diseases



DATE
9 December 2026

TIME
12:00 – 13:30

VENUE
Instituto de Investigación Hospital 12 de Octubre (i+12)
Training room, 6th floor, Block D, CAA building
Avda. de Córdoba s/n, 28041 Madrid

From describing disease to anticipating how it will behave.

Atera brings whole-transcriptome analysis directly onto the tissue section, with single-cell sensitivity and at a scale suited to large clinical cohorts. Across disease areas, this changes the question from *which genes we choose to measure* to *what the tissue itself is telling us.* Every cell can be profiled in its native context: tumour and immune niches in oncology, inflammatory cell interactions in immunology, neuronal and glial circuits in neuroscience, and the cellular basis of rare diseases, where every sample counts. Because Atera works on routine FFPE material, archival biobanks and clinical-trial samples become a resource for discovery: spatial signatures linked to outcome can be identified retrospectively and validated across cohorts. This is the foundation of predictive medicine: moving from describing disease to anticipating how it will progress and which patients will benefit from each treatment, bringing spatial biology closer to the pathology department and to clinical decision-making.



EARLY ACCESS EXPERIENCE

Dr. Tancredi Massimo Pentimalli

One of the first researchers worldwide with Early Access to Atera. He will share first-hand what the platform delivers and answer your questions in an open, interactive format.

FORMAT

01 **Welcome & introduction to Atera**
10x Genomics & Bonsai Lab

02 **Early Access experience: first-hand insights**
Dr. Tancredi Massimo Pentimalli

03 **Round table: your projects, your questions**
Open discussion with all participants

04 **Access to the technology & next steps**
Pilot projects and roadmap in Spain

Access to the technology: learn how your groups can start working with Atera through pilot projects with the 10x Genomics and Bonsai Lab teams.

Limited places · register in advance
Organised by Hospital 12 de Octubre, Bonsai Lab and 10x Genomics

SCAN TO REGISTER