# One Integrated Biology Platform: Sequencing and In Situ Multiomic Analysis

Deep Insights with Cytoprofiling of 1 M cells in <24 hours



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Scientific Ouestions

# **Drug Development**

# **Target Discovery**

What genes and pathways are implicated in disease?

### **Target Validation**

What are the downstream effects of target modulation?

## Mechanism of Action/Toxicity

What morphological and molecular changes are induced by drug treatment?

#### **Translational**

What mechanisms underly CAR-T expansion and persistence?

## Systems Biology

#### Cancer

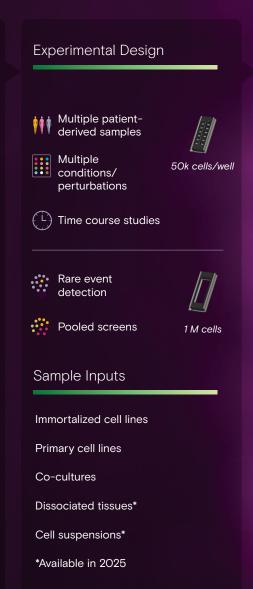
What signaling pathways are involved in tumor progression?

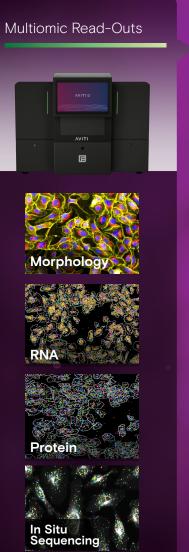
#### **Immunology**

How does immune cell composition change after infection?

#### Neuroscience

What pathways are activated during neural cell differentiation?







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