mosaic
an owkin initiative

MOSAIC

Fuel new breakthroughs in oncology with spatial omics

Apply AI to large-scale spatial omics to discover:

- New therapeutic targets
- New patient subgroups
- New diagnostic and prognostic biomarkers
- New treatment response and resistance mechanisms

The MOSAIC dataset today includes 2,148 patients*

Samples in dataset - six modalities

2,048	1924	1,738	1,915	1,888	Clinical data for every patient
H&E slides	WES[1]	Bulk RNA-seq	Spatial omics[2]	Single-cell RNA-seq	

Patients included - ten therapy areas

268	288	222	175	86
Bladder cancer	Glioblastoma	Breast cancer	DLBCL[3]	Mesothelioma
336	**128**	**389**	**139**	**96**
Ovarian cancer	HNSCC[4]	Lung cancer	Pancreatic cancer	Colorectal cancer

[1] WES = Whole Exome Sequencing; [2] Spatial omics = spatial transcriptomics; [3] Diffuse large B-cell lymphoma; [4] Head & Neck Squamous Cell Carcinoma *Data correct as of October 2026.

Get in touch with us at mosaic-research.com

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