

# Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

## University of Virginia School of Medicine Spatial Biology Core Facility

RRID:SCR\_023281

Type: Tool

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### Proper Citation

University of Virginia School of Medicine Spatial Biology Core Facility  
(RRID:SCR\_023281)

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### Resource Information

**URL:** <http://med.virginia.edu/core-facilities/spatial-biology-core>

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**Description:** Core offers spatial analysis which combines single-cell, spatial RNA sequencing, high-throughput microscopy, and quantitative image data analysis to enable large-scale spatial genomics and proteomics studies. Services include Spatial Transcriptome and Proteome analysis (GeoMx and CosMx), multiplex analysis (nCounter and Isoplexis), BSL2 laboratory, Confocal and Non-confocal image (Operetta), cell raft technology, sample preparation.

**Abbreviations:** SBC

**Synonyms:** Spatial Biology Core, Spatial Biology Facility

**Resource Type:** access service resource, core facility, service resource

**Keywords:** Sample preparation, multiplex analysis, spatial transcriptomics, spatial proteomics, single-cell analysis, cytokine, high resolution microscopy, confocal and non-confocal analysis image, BSL2 laboratory, USEDit, ABRF,

**Availability:** Restricted

**Resource Name:** University of Virginia School of Medicine Spatial Biology Core Facility

**Resource ID:** SCR\_023281

**Record Creation Time:** 20230217T050203+0000

**Record Last Update:** 20260905T133433+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Virginia School of Medicine Spatial Biology Core Facility.

No alerts have been found for University of Virginia School of Medicine Spatial Biology Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 7 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#).

Sasovsky DJ, et al. (2026) New Insights into the Bioenergetic and Immunomodulatory Properties of Phospholipases A2 from Bothrops diporus Venom. *Toxins*, 18(2).

Ninmer EK, et al. (2026) Phase I/II clinical trial of a melanoma vaccine targeting shared non-mutated antigens and a shared mutated BRAF neoantigen with an agonistic CD40 antibody (CDX-1140) plus TLR3 agonist (poly-ICLC). *Journal for immunotherapy of cancer*, 14(3).

Cobb DA, et al. (2026)  $\alpha\beta$  CAR-T Cells Simultaneously Targeting Tumor and Metastases Produce Highly Effective Control in Preclinical Models of Melanoma and Triple-Negative Breast Cancer. *Molecular cancer therapeutics*, 25(7), 1181.

Aziz DZ, et al. (2026) Mitsugumin 53 protects against smoke inhalation lung injury via suppressing the proinflammatory response in a rat model. *Free radical biology & medicine*, 248, 43.

Oliveira AK, et al. (2024) A Complex Pattern of Gene Expression in Tissue Affected by Viperid Snake Envenoming: The Emerging Role of Autophagy-Related Genes. *Biomolecules*, 14(3).

Lacinski RA, et al. (2024) Nanosphere pharmacodynamics improves safety of immunostimulatory cytokine therapy. *iScience*, 27(2), 108836.

de Oliveira AK, et al. (2023) Mapping the Immune Cell Microenvironment with Spatial Profiling in Muscle Tissue Injected with the Venom of *Daboia russelii*. *Toxins*, 15(3).