Resource Summary Report

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University of Virginia School of Medicine Spatial Biology Core Facility

RRID:SCR_023281
Type: Tool

Proper Citation

University of Virginia School of Medicine Spatial Biology Core Facility (RRID:SCR_023281)

Resource Information

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

Proper Citation: University of Virginia School of Medicine Spatial Biology Core Facility (RRID:SCR_023281)

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: core facility, access service resource, 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: 20260808T190707+0000

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.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

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) ?v?3 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).