

# Resource Summary Report

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## University of Virginia Bioinformatics Core

RRID:SCR\_012718

Type: Tool

### Proper Citation

University of Virginia Bioinformatics Core (RRID:SCR\_012718)

### Resource Information

**URL:** <https://med.virginia.edu/bioinformatics-core/>

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**Description:** Core serves as a centralized resource for providing expert and timely bioinformatics consulting and data analysis solutions. The core offers services to investigators both within and outside UVA on both grant-funded and chargeback-based projects for management and analysis of large-scale biological datasets produced by high-throughput genomics experiments. The Core's mission is to build and maintain an infrastructure that enables the application of strong bioinformatics analysis with a measurable impact on the ability of UVA investigators to both publish their work and obtain new funding.

**Abbreviations:** UVa Bioinformatics Core

**Synonyms:** , UVa, University of Virginia, core facility, School of Medicine, Bioinformatics

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

**Keywords:** core facility, data analysis, infrastructure,

**Availability:** Available to external user

**Resource Name:** University of Virginia Bioinformatics Core

**Resource ID:** SCR\_012718

**Alternate IDs:** SciEx\_8923

**Old URLs:** <http://www.scienceexchange.com/facilities/bioinformatics-core-virginia>

**Record Creation Time:** 20220129T080311+0000

**Record Last Update:** 20260912T200345+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Virginia Bioinformatics Core.

No alerts have been found for University of Virginia Bioinformatics Core.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Hinson S, et al. (2026) Non-uniform chromosomal SNP density biases sites of meiotic crossovers in *Drosophila melanogaster*. *G3* (Bethesda, Md.), 16(6).

Genetta TL, et al. (2026) ZEB1 Promotes Alternate Lengthening of Telomeres at Multiple Levels. *Cancers*, 18(3).

Ahmed K, et al. (2026) Decoding the circRNA-miRNA-mRNA regulatory network in hepatitis B virus-driven hepatocellular carcinoma. *Cell communication and signaling : CCS*, 24(1).

Ali MS, et al. (2026) A Post-GWAS Analysis of the Shared Genetic Architecture Between COVID-19 and Coronary Artery Disease. *International journal of molecular sciences*, 27(9).

Boulton A, et al. (2026) The MLLT3 YEATS domain binds histone marks (H3K9/18/27ac/cr) and ncRNA (7SK), linking transcription and RNA signaling to regulate hematopoiesis. *Cell reports*, 45(6), 117540.

Cook SR, et al. (2025) A 3D-printed multi-compartment organ-on-chip platform with a tubing-free pump models communication with the lymph node. *Lab on a chip*, 25(2), 155.

Hinson S, et al. (2025) Non-uniform chromosomal SNP density biases sites of meiotic crossovers in *Drosophila melanogaster*: SNP density and sites of meiotic crossovers. *bioRxiv : the preprint server for biology*.

Boulton A, et al. (2025) The MLLT3 YEATS domain is a dual reader of histone marks (H3K9/18/27ac/cr) and ncRNA (7SK), linking epigenetic and RNA signaling to regulate hematopoiesis. *bioRxiv : the preprint server for biology*.

Uddin MJ, et al. (2024) Investigating the impact of antibiotic-induced dysbiosis on protection from *Clostridium difficile* colitis by mouse colonic innate lymphoid cells. *mBio*, 15(3), e0333823.

Pierce R, et al. (2024) Persistent dysbiosis of duodenal microbiota in patients with controlled pediatric Crohn's disease after resolution of inflammation. *Scientific reports*, 14(1), 12668.

Cook SR, et al. (2024) A 3D-printed multi-compartment organ-on-chip platform with a tubing-free pump models communication with the lymph node. *bioRxiv : the preprint server for biology*.

Bingham GC, et al. (2023) High-dimensional comparison of monocytes and T cells in post-COVID and idiopathic pulmonary fibrosis. *Frontiers in immunology*, 14, 1308594.