

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

SPADE

RRID:SCR_001810

Type: Tool

Proper Citation

SPADE (RRID:SCR_001810)

Resource Information

URL: <http://www.bioconductor.org/packages/release/bioc/html/spade.html>

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Description: An analysis and visualization software tool for high dimensional flow cytometry data that organizes cells into hierarchies of related phenotypes.

Synonyms: Spanning tree Progression of Density normalized Events, SPADE - An analysis and visualization tool for Flow Cytometry

Resource Type: software application, data analysis software, data processing software, data visualization software, software resource

Defining Citation: [PMID:21964415](https://pubmed.ncbi.nlm.nih.gov/21964415/)

Keywords: software package, mac os x, unix/linux, windows, r, clustering, flow cytometry, gui, graph, network, visualization

Funding:

Availability: GNU General Public License, v2

Resource Name: SPADE

Resource ID: SCR_001810

Alternate IDs: OMICS_05639

Alternate URLs: <http://cytospade.org/>

Record Creation Time: 20220129T080209+0000

Record Last Update: 20250331T060124+0000

Ratings and Alerts

No rating or validation information has been found for SPADE.

No alerts have been found for SPADE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 255 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Tu TH, et al. (2025) The identification of a SARs-CoV2 S2 protein derived peptide with super-antigen-like stimulatory properties on T-cells. *Communications biology*, 8(1), 14.

den Hollander NHM, et al. (2025) Batch-to-Batch Variation and Patient Heterogeneity in Thymoglobulin Binding and Specificity: One Size Does Not Fit All. *Journal of clinical medicine*, 14(2).

Abdi-Sargezeh B, et al. (2025) EEG-to-EEG: Scalp-to-Intracranial EEG Translation Using a Combination of Variational Autoencoder and Generative Adversarial Networks. *Sensors (Basel, Switzerland)*, 25(2).

Honan AM, et al. (2024) Stromal-Like Cells Are Found in Peripheral Blood of Patients With Inflammatory Bowel Disease and Correlate With Immune Activation State. *Clinical and translational gastroenterology*, 15(9), e1.

Mantel N, et al. (2024) Cynomolgus macaques as a translational model of human immune responses to yellow fever 17D vaccination. *Journal of virology*, 98(5), e0151623.

Qin F, et al. (2024) Spatial pattern and differential expression analysis with spatial transcriptomic data. *Nucleic acids research*, 52(21), e101.

Pan S, et al. (2024) A Task-Related EEG Microstate Clustering Algorithm Based on Spatial Patterns, Riemannian Distance, and a Deep Autoencoder. *Brain sciences*, 15(1).

Yan G, et al. (2024) Categorization of 33 computational methods to detect spatially variable genes from spatially resolved transcriptomics data. ArXiv.

Freeman P, et al. (2024) Inhibition of insulin-like growth factors increases production of CXCL9/10 by macrophages and fibroblasts and facilitates CD8+ cytotoxic T cell recruitment to pancreatic tumours. *Frontiers in immunology*, 15, 1382538.

Mishra S, et al. (2024) Enhancing health care through medical cognitive virtual agents. *Digital health*, 10, 20552076241256732.

Friedel J, et al. (2024) Mast cell-derived interleukin-4 mediates activation of dendritic cell during toll-like receptor 2-mediated inflammation. *Frontiers in immunology*, 15, 1353922.

Li H, et al. (2024) Recovery-Based Occluded Face Recognition by Identity-Guided Inpainting. *Sensors (Basel, Switzerland)*, 24(2).

Marin D, et al. (2024) Safety, efficacy and determinants of response of allogeneic CD19-specific CAR-NK cells in CD19+ B cell tumors: a phase 1/2 trial. *Nature medicine*, 30(3), 772.

Schüller SS, et al. (2024) Immune profiling of age and adjuvant-specific activation of human blood mononuclear cells in vitro. *Communications biology*, 7(1), 709.

Fischer L, et al. (2024) Iodine intake in the Swiss population 100 years after the introduction of iodised salt: a cross-sectional national study in children and pregnant women. *European journal of nutrition*, 63(2), 573.

Song A, et al. (2024) TSE-GAN: strain elastography using generative adversarial network for thyroid disease diagnosis. *Frontiers in bioengineering and biotechnology*, 12, 1330713.

Shirane Y, et al. (2024) Peripheral T Cell Subpopulations as a Potential Surrogate Biomarker during Atezolizumab plus Bevacizumab Treatment for Hepatocellular Carcinoma. *Cancers*, 16(7).

Toma AI, et al. (2024) Accelerating Oral Wound Healing Using Bilayer Biomaterial Delivery of FTY720 Immunotherapy. *Advanced healthcare materials*, 13(30), e2401480.

Kirchner T, et al. (2024) Bashing irreproducibility with shournal. *Scientific reports*, 14(1), 4872.

Burton RJ, et al. (2024) Conventional and unconventional T-cell responses contribute to the prediction of clinical outcome and causative bacterial pathogen in sepsis patients. *Clinical and experimental immunology*, 216(3), 293.