

Resource Summary Report

Generated by [dkNET](#) on Apr 17, 2025

GEMS

RRID:SCR_009188

Type: Tool

Proper Citation

GEMS (RRID:SCR_009188)

Resource Information

URL: <http://www.angelfire.com/mn2/nath/gems.html>

Proper Citation: GEMS (RRID:SCR_009188)

Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented September 22, 2016. Software application for fitting Genetic Epidemiology Models by running stochastic simulation in relation to disease dynamics.

Abbreviations: GEMS

Synonyms: Genetic Epidemiology Models

Resource Type: software resource, software application

Keywords: gene, genetic, genomic, unix, (dec-alpha), linux

Funding:

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: GEMS

Resource ID: SCR_009188

Alternate IDs: nlx_154327

Old URLs: <http://statgen.genomecenter.howard.edu/gems.htm>

Record Creation Time: 20220129T080251+0000

Record Last Update: 20250416T063539+0000

Ratings and Alerts

No rating or validation information has been found for GEMS.

No alerts have been found for GEMS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 455 mentions in open access literature.

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

Li X, et al. (2025) Immunoregulatory programs in anti-N-methyl-D-aspartate receptor encephalitis identified by single-cell multi-omics analysis. *Clinical and translational medicine*, 15(1), e70173.

van Hijfte L, et al. (2025) Gemistocytic tumor cells programmed for glial scarring characterize T cell confinement in IDH-mutant astrocytoma. *Nature communications*, 16(1), 1156.

Ding X, et al. (2025) Giant KASH proteins and ribosomes synergistically establish cytoplasmic biophysical properties in vivo. *bioRxiv : the preprint server for biology*.

Li X, et al. (2025) Single-Cell RNA sequencing reveals mitochondrial dysfunction in microtia chondrocytes. *Scientific reports*, 15(1), 1021.

Shen Y, et al. (2025) Therapeutic potential and mechanisms of umbilical cord mesenchymal stem cells differentiating into tendon cells and promotion of rotator cuff tendon-bone healing. *Journal of tissue engineering*, 16, 20417314251315185.

Perez JM, et al. (2025) Investigating proteogenomic divergence in patient-derived xenograft models of ovarian cancer. *Scientific reports*, 15(1), 813.

Oudbier SJ, et al. (2025) Patients' Experienced Usability and Satisfaction With Digital Health Solutions in a Home Setting: Instrument Validation Study. *JMIR medical informatics*, 13, e63703.

Haage V, et al. (2024) A pharmacological toolkit for human microglia identifies Topoisomerase I inhibitors as immunomodulators for Alzheimer's disease. *bioRxiv : the preprint server for biology*.

Hume AJ, et al. (2024) Heat Inactivation of Nipah Virus for Downstream Single-Cell RNA Sequencing Does Not Interfere with Sample Quality. *Pathogens (Basel, Switzerland)*, 13(1).

Scarfò R, et al. (2024) CD32 captures committed haemogenic endothelial cells during human embryonic development. *Nature cell biology*, 26(5), 719.

Singh R, et al. (2024) Advancements in CHO metabolomics: techniques, current state and evolving methodologies. *Frontiers in bioengineering and biotechnology*, 12, 1347138.

Yabaji SM, et al. (2024) Lipid Peroxidation and Type I Interferon Coupling Fuels Pathogenic Macrophage Activation Causing Tuberculosis Susceptibility. *bioRxiv : the preprint server for biology*.

Atanga R, et al. (2024) Single Cell Analysis of Human Colonoids Exposed to Uranium-Bearing Dust. *Environmental health perspectives*, 132(5), 57006.

Wekre SL, et al. (2024) Mortality rates in Norwegian HEMS-a retrospective analysis from Central Norway. *Scandinavian journal of trauma, resuscitation and emergency medicine*, 32(1), 29.

Chang LY, et al. (2024) Inference of single-cell network using mutual information for scRNA-seq data analysis. *BMC bioinformatics*, 25(Suppl 2), 292.

Almet AA, et al. (2024) Inferring pattern-driving intercellular flows from single-cell and spatial transcriptomics. *Nature methods*, 21(10), 1806.

Ye J, et al. (2024) Single cell-spatial transcriptomics and bulk multi-omics analysis of heterogeneity and ecosystems in hepatocellular carcinoma. *NPJ precision oncology*, 8(1), 262.

Zhang X, et al. (2024) Single-cell expression and immune infiltration analysis of polyamine metabolism in breast cancer. *Discover oncology*, 15(1), 666.

Cruz Tleugabulova M, et al. (2024) Induction of a distinct macrophage population and protection from lung injury and fibrosis by Notch2 blockade. *Nature communications*, 15(1), 9575.

Beura S, et al. (2024) Genome-scale community modelling elucidates the metabolic interaction in Indian type-2 diabetic gut microbiota. *Scientific reports*, 14(1), 17259.