Resource Summary Report

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Cancer Genomics Consortium

RRID:SCR_002384
Type: Tool

Proper Citation

Cancer Genomics Consortium (RRID:SCR_002384)

Resource Information

URL: http://www.cancergenomics.org/

Proper Citation: Cancer Genomics Consortium (RRID:SCR_002384)

Description: Consortium promoting communication and collaboration among cancer cytogenomics laboratories, who are interested in applying microarray technologies to cancer diagnosis and cancer research. Their oals are to (1) establish platform-neutral and cancer specific microarray designs for diagnostic purposes, (2) share cancer microarray data between participating institutions for education purposes, (3) create a public cancer array database, and (4) carry out multicenter cancer genome translational research. Collaboration amongst the different laboratories and researchers will not only provide validation for the microarray design(s) but ultimately provide more comprehensive molecular information and more accurate interpretation to better serve cancer patients and further cancer research. The CGC was officially incorporated in June 2010 as a not-for-profit organization.

Abbreviations: CGC

Synonyms: CCMC, Cancer Cytogenomics Microarray Consortium

Resource Type: organization portal, data or information resource, community building portal, portal

Keywords: cytogenetics, molecular genetics, molecular pathology, microarray technology, cancer diagnosis, cancer research, microarry, cytogenomics, cancer cytogenomics, cancer genetics, genetics

Related Condition: Cancer

Funding:

Availability: Membership fee, Account required

Resource Name: Cancer Genomics Consortium

Resource ID: SCR_002384

Alternate IDs: OMICS_01776

Record Creation Time: 20220129T080213+0000

Record Last Update: 20250430T055142+0000

Ratings and Alerts

No rating or validation information has been found for Cancer Genomics Consortium.

No alerts have been found for Cancer Genomics Consortium.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Marogi JG, et al. (2024) Pseudomonas aeruginosa modulates both Caenorhabditis elegans attraction and pathogenesis by regulating nitrogen assimilation. Nature communications, 15(1), 7927.

Hayden AN, et al. (2024) Behavioral screening reveals a conserved residue in Y-Box RNA-binding protein required for associative learning and memory in C. elegans. PLoS genetics, 20(10), e1011443.

Gitschlag BL, et al. (2024) Multiple distinct evolutionary mechanisms govern the dynamics of selfish mitochondrial genomes in Caenorhabditis elegans. Nature communications, 15(1), 8237.

Wang Z, et al. (2024) ASI-RIM neuronal axis regulates systemic mitochondrial stress response via TGF-? signaling cascade. Nature communications, 15(1), 8997.

Naidoo D, et al. (2024) Regulation of TIR-1/SARM-1 by miR-71 Protects Dopaminergic Neurons in a C. elegans Model of LRRK2-Induced Parkinson's Disease. International journal of molecular sciences, 25(16).

Zhou L, et al. (2024) A germline-to-soma signal triggers an age-related decline of mitochondrial stress response. Nature communications, 15(1), 8723.

Briglia M, et al. (2024) Diet and Nutrients in Rare Neurological Disorders: Biological, Biochemical, and Pathophysiological Evidence. Nutrients, 16(18).

Liu P, et al. (2024) UPRER-immunity axis acts as physiological food evaluation system that promotes aversion behavior in sensing low-quality food. eLife, 13.

Erinjeri AP, et al. (2024) HSF-1 promotes longevity through ubiquilin-1-dependent mitochondrial network remodelling. Nature communications, 15(1), 9797.

Muhammad T, et al. (2024) Non-cell-autonomous regulation of germline proteostasis by insulin/IGF-1 signaling-induced dietary peptide uptake via PEPT-1. The EMBO journal, 43(21), 4892.

Xiao X, et al. (2024) Clerodendranthus spicatus (Thunb.) Water Extracts Reduce Lipid Accumulation and Oxidative Stress in the Caenorhabditis elegans. International journal of molecular sciences, 25(17).

Liao CP, et al. (2024) Experience-dependent, sexually dimorphic synaptic connectivity defined by sex-specific cadherin expression. Science advances, 10(46), eadq9183.

Peng W, et al. (2024) DMT1 knockout abolishes ferroptosis induced mitochondrial dysfunction in C. elegans amyloid ? proteotoxicity. bioRxiv : the preprint server for biology.

Wu Y, et al. (2024) Antibiotics Trigger Host Innate Immune Response via Microbiota-Brain Communication in C. elegans. International journal of molecular sciences, 25(16).

Fang J, et al. (2024) Endocytosis restricts dendrite branching via removing ectopically localized branching ligands. Nature communications, 15(1), 9651.

Xu K, et al. (2024) AlphaFold2-guided engineering of split-GFP technology enables labeling of endogenous tubulins across species while preserving function. PLoS biology, 22(8), e3002615.

Cao WX, et al. (2024) Comparative analysis of new mScarlet-based red fluorescent tags in Caenorhabditis elegans. Genetics, 228(2).

Pan P, et al. (2024) Robotic microinjection enables large-scale transgenic studies of Caenorhabditis elegans. Nature communications, 15(1), 8848.

Grollemund PM, et al. (2024) A clustering-based survival comparison procedure designed to study the Caenorhabditis elegans model. Scientific reports, 14(1), 28257.

Liu X, et al. (2021) Transcription elongation factor A-like 7, regulated by miR-758-3p inhibits the progression of melanoma through decreasing the expression levels of c-Myc and AKT1. Cancer cell international, 21(1), 43.