Resource Summary Report

Generated by dkNET on Aug 13, 2026

WormBook The Online Review of C. Elegans Biology

RRID:SCR_006692
Type: Tool

Proper Citation

WormBook The Online Review of C. Elegans Biology (RRID:SCR_006692)

Resource Information

URL: http://www.wormbook.org/

Proper Citation: WormBook The Online Review of C. Elegans Biology (RRID:SCR_006692)

Description: WormBook is a comprehensive, open-access collection of original, peer-reviewed chapters covering topics related to the biology of Caenorhabditis elegans and other nematodes. Wormbook also contains WormMethods, a collection of protocols for nematode researchers, and the Worm Breeder''s Gazette, an informal, non-refereed, biannual newsletter for the interchange of ideas and information related to C. elegans and other nematodes. WormBook is the online text companion to WormBase, the C. elegans model organism database. WormBook contains original reviews on all aspects of C. elegans biology and up-to-date descriptions of technical procedures used to study this animal. WormBook Sections: *Genetics and genomics *Molecular biology *Biochemistry *Cell biology *Developmental control *Post-embryonic development *Sex determination *The germ line *Signal transduction *Neurobiology and behavior *Evolution and ecology *Disease models and drug discovery

Abbreviations: WormBook

Synonyms: WormBook: The Online Review of C. Elegans Biology

Resource Type: data or information resource, narrative resource, book, experimental protocol

Keywords: neurotransmitter, behavior, deg/enac channel, neuronal outgrowth, neurogenetics, circuitry, neuronal differentiation, cell death, gap junctions, g protein, chemosensation, mechanosensation, synaptogenesis, news, nematode, genomics, proteomics, FASEB list

Funding: Burroughs Wellcome Fund ;
Genetics Society ;
Society for Developmental Biology ;

SDB official journal

Resource Name: WormBook The Online Review of C. Elegans Biology

Resource ID: SCR_006692

Alternate IDs: nif-0000-00376

Record Creation Time: 20220129T080237+0000

Record Last Update: 20260813T054930+0000

Ratings and Alerts

No rating or validation information has been found for WormBook The Online Review of C. Elegans Biology.

No alerts have been found for WormBook The Online Review of C. Elegans Biology.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 183 mentions in open access literature.

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

Kowaleski SJ, et al. (2026) Outer kinetochore proteins form linear elements to regulate vesicle transport. Journal of cell science, 139(9).

Yeom E, et al. (2025) Phosphorylation of an RNA-Binding Protein Rck/Me31b by Hippo Is Essential for Adipose Tissue Aging. Aging cell, 24(6), e70022.

Amato M, et al. (2025) Polo-Like Kinase 1 phosphorylation tunes the functional viscoelastic properties of the centrosome scaffold. bioRxiv : the preprint server for biology.

Bördén K, et al. (2025) Developing Endogenous Autophagy Reporters in Caenorhabditis elegans to Monitor Basal and Starvation-Induced Autophagy. International journal of molecular sciences, 26(20).

Song Z, et al. (2025) 20(S)-protopanaxadiol prolongs lifespan and enhances stress resistance in Caenorhabditis elegans via the insulin/IGF-1 signaling pathway. Frontiers in pharmacology, 16, 1657436.

Lessenger AT, et al. (2025) Somatic polyploidy supports biosynthesis and tissue function by increasing transcriptional output. The Journal of cell biology, 224(3).

Harris I, et al. (2025) Evolutionary trade-offs between intergenerational and transgenerational fitness effects. bioRxiv : the preprint server for biology.

Kuratani Y, et al. (2025) Cylindracin, a Fruiting Body-Specific Protein of Cyclocybe cylindracea, Represses the Egg-Laying and Development of Caenorhabditis elegans and Drosophila melanogaster. Toxins, 17(3).

Amato M, et al. (2025) Polo-Like Kinase 1 Phosphorylation Tunes the Functional Viscoelastic Properties of the Centrosome Scaffold. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(45), e11682.

Bhatia P, et al. (2025) Condensate-forming eIF4ET ensures adequate levels of meiotic proteins to support oocyte storage. Life science alliance, 8(8).

Wangchuk P, et al. (2024) Techniques, Databases and Software Used for Studying Polar Metabolites and Lipids of Gastrointestinal Parasites. Animals : an open access journal from MDPI, 14(18).

Schaan Profes M, et al. (2024) Characterization of the intracellular neurexin interactome by in vivo proximity ligation suggests its involvement in presynaptic actin assembly. PLoS biology, 22(1), e3002466.

Liu J, et al. (2024) Protocol for survival assay of Caenorhabditis elegans to Pseudomonas aeruginosa PA14 infection. STAR protocols, 5(2), 103070.

Mueller BD, et al. (2024) Using Localization Microscopy to Quantify Calcium Channels at Presynaptic Boutons. Bio-protocol, 14(16), e5049.

Korhonen PK, et al. (2024) Analysis of Haemonchus embryos at single cell resolution identifies two eukaryotic elongation factors as intervention target candidates. Computational and structural biotechnology journal, 23, 1026.

Rios MU, et al. (2024) Multivalent coiled-coil interactions enable full-scale centrosome assembly and strength. The Journal of cell biology, 223(4).

Andric A, et al. (2024) A multi-domain snail metallothionein increases cadmium resistance and fitness in Caenorhabditis elegans. Scientific reports, 14(1), 25589.

Wang R, et al. (2024) Protocol for near-infrared optogenetics manipulation of neurons and motor behavior in C. elegans using emissive upconversion nanoparticles. STAR protocols, 5(1), 102858.

Vega A, et al. (2024) Worms love Coffee too! Characterizing the neural substrates that regulate odor-guided responses to coffee. microPublication biology, 2024.

Diomede L, et al. (2023) A?1-6A2V(D) peptide, effective on A? aggregation, inhibits tau misfolding and protects the brain after traumatic brain injury. Molecular psychiatry, 28(6), 2433.