

## *Caenorhabditiselegans*

1. In Vivo and Scanning Electron Microscopy Imaging of Upconverting Nanophosphors in <i>Caenorhabditis elegans</i>
2. A rapid colorimetric assay for the quantitation of the viability of free-living larvae of nematodes in vitro
3. Neurotoxic effects of TDP-43 overexpression in <i>C. Elegans</i>
4. Crystal structure of the multidrug transporter P-glycoprotein from <i>Caenorhabditis elegans</i>
5. Increased expression of ABC transport proteins is associated with ivermectin resistance in the model nematode <i>Caenorhabditis elegans</i>
6. <i>Caenorhabditis elegans</i> as a simple model host for <i>Vibrio vulnificus</i> infection
7. The natural history of <i>Caenorhabditis elegans</i>
8. <i>Caenorhabditis elegans</i> as model system for rapid toxicity assessment of pharmaceutical compounds
9. Use of non-mammalian alternative models for neurotoxicological study
10. <i>C. elegans</i> Mutant Identification with a One-Step Whole-Genome-Sequencing and SNP Mapping Strategy
11. Regulation of Tissue-Specific Alternative Splicing: <i>C. elegans</i> as a Model System.
12. The <i>Caenorhabditis elegans</i> model as a reliable tool in neurotoxicology.
13. In vivo testing of gold nanoparticles using the <i>Caenorhabditis elegans</i> model organism.
14. Neurodegeneration Induced by Metals in <i>Caenorhabditis elegans</i> .
15. <i>Caenorhabditis elegans</i> as a complete model organism for biosafety assessments of nanoparticles.
16. The <i>Caenorhabditis elegans</i> model of <i>Legionella</i> infection.
17. Investigation of pathogenic phenotypes and virulence determinants of food-borne <i>Salmonella enterica</i> strains in <i>Caenorhabditis elegans</i> animal model
18. The nematode <i>C. elegans</i> as an animal model to explore toxicology in vivo: solid and axenic growth culture conditions and compound exposure parameters.
19. <i>C. elegans</i> as a model in developmental neurotoxicology.
20. An emerging model organism <i>Caenorhabditis elegans</i> for alternative pre-mRNA processing in vivo.
21. The Nematode <i>C. elegans</i> as an Animal Model to Explore Toxicology In Vivo: Solid and Axenic Growth Culture Conditions and Compound Exposure Parameters
22. The <i>C. elegans</i> model in toxicity testing
23. A <i>C. elegans</i> mutant that lives twice as long as wild type
24. Efficient gene transfer in <i>C.elegans</i> :extrachromosomal maintenance and integration of transforming sequences.
25. <i>C. elegans</i> EGL-9 and Mammalian Homologs Define a Family of Dioxygenases that Regulate HIF by Prolyl Hydroxylation
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27. Effect of vitamin E on lifespan and reproduction in <i>Caenorhabditis elegans</i>
28. Resveratrol rescues mutant polyglutamine cytotoxicity in nematode and mammalian neurons
29. $\alpha$ <sub>s</sub> -Induced Neurodegeneration in <i>Caenorhabditis elegans</i>
30. In Vivo Imaging and Toxicity Assessments of Fluorescent Nanodiamonds in <i>Caenorhabditis elegans</i>
31. Toxicity of halloysite clay nanotubes in vivo: a <i>Caenorhabditis elegans</i> study
32. Evaluation of Environmental Safety Concentrations of DMSA Coated Fe <sub>2</sub> O <sub>3</sub> -NPs Using Different Assay Systems in Nematode <i>Caenorhabditis elegans</i>
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35. Medicinal plants and antioxidants: What do we learn from cell culture and <i>Caenorhabditis elegans</i> studies?
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37. Assessment of sublethal endpoints for toxicity testing with the nematode <i>Caenorhabditis elegans</i>
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44. Adverse Effects of TiO <sub>2</sub> and ZnO Nanoparticles in Soil Nematode, <i>Caenorhabditis elegans</i>
45. Apoptosis-mediated in vivo toxicity of hydroxylated fullerene nanoparticles in soil nematode <i>Caenorhabditis elegans</i>
46. Methylene Blue Protects against TDP-43 and FUS Neuronal Toxicity in <i>C. elegans</i> and <i>D. rerio</i>
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53. Superoxide dismutase mimetics elevate superoxide dismutase activity in vivo but do not retard aging in the nematode <i>Caenorhabditis elegans</i>
54. Toxicity of Quantum Dots and Cadmium Salt to <i>Caenorhabditis elegans</i> after Multigenerational Exposure
55. Comparative toxicity of silver nanoparticles on oxidative stress and DNA damage in the nematode, <i>Caenorhabditis elegans</i>