

Title: Health and longevity studies in *C. elegans*: The “Healthy Worm Database” reveals strengths, weaknesses and gaps of test compound-based studies

Journal: Biogerontology

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Publication type	Short communications, research articles, book chapters	Conference posters or talks, protocols, reviews, newspaper articles, commercial reports, dissertations, master theses, bachelor theses, other student reports, videos
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Treatment	Evaluation of at least one chemical treatment (natural or synthetic single compound, and mixtures as well as natural plant preparations, extracts or fractions)	Biological (all living organisms), physical (such as exercise, gravity, or radiation), genetic (such as gene knockout or knockdown), psychological/social (such as crowding level) treatments, or no treatment at all
Organisms	<i>Caenorhabditis elegans</i>	
Observations	<ul style="list-style-type: none"> • Physical function • Physiological function • Cognitive function • Reproductive function • Healthspan biomarkers 	Only lifespan assays, toxicity tests, computational modelling, or demonstration of a new test system