

Nematode

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The nematodes or roundworms : "thread" + -ode "like") are one of the most common phyla of animals, with over 80,000 different described species . They are ubiquitous in freshwater, marine, and terrestrial environments, where they often outnumber other animals in both individual and species counts, and are found in locations as diverse as Antarctica and oceanic trenches. Further, there are a great many parasitic forms, including pathogens in most plants, animals, and also in humans. The nematodes were originally named nematoidea by Rudolphi . They were renamed nematodes by Burmeister 1837 , then nematoda , though Nathan Cobb argued that they should be called nemata or nemates . After some confusion which saw the nematodes placed as a class or order in various groups such as Aschelminthes, Lankester definitively promoted them to the level of phylum. ([From the Wikipedia article Nematode](#) .)

Recent Publications on Nematode:



- [Cis-regulatory mechanisms of gene expression in an olfactory neuron type in caenorhabditis elegans.](#)
*The generation of cellular diversity is dependent on the precise...*20th November, 2009
Department of Biology and National Center for Behavioral Genomics,- Dev Dyn. 2009 Nov 18;238(12):3080-3092. ([DOI Direct Link](#))
- [A C. elegans Model for Mitochondrial Fatty Acid Synthase II: The Longevity-Associated Gene W09H1.5/mecr-1 Encodes a 2-trans-Enoyl-Thioester Reductase.](#)
*Our recognition of the mitochondria as being important sites of fatty acid...*20th November, 2009
Section of Physiology of Lipid Metabolism, Institute of Physiology, Center- PLoS One. 2009 Nov 16;4(11):e7791. ([DOI Direct Link](#))
- [SMF-1, SMF-2 and SMF-3 DMT1 Orthologues Regulate and Are Regulated Differentially by Manganese Levels in C. elegans.](#)
*Manganese (Mn) is an essential metal that can exert toxic effects at high...*20th November, 2009
Department of Pediatrics, Vanderbilt University, Nashville, Tennessee,- PLoS One. 2009 Nov 18;4(11):e7792. ([DOI Direct Link](#))
- [C. elegans sym-1 is a downstream target of the hunchback-like-1 developmental timing transcription factor.](#)
*In the nematode Caenorhabditis elegans, the let-7 microRNA (miRNA) and its...*20th November, 2009
Initiative for the Promotion of Young Scientists' Independent Research,- Cell Cycle. 2009 Dec 9;8(24).
- [The C. elegans germline regulates distinct signaling pathways to control lifespan and innate immunity.](#)
*The relationship between the mechanisms that control an organism's...*20th November, 2009
National Jewish Health, United States;- J Biol Chem. 2009 Nov 18. ([DOI Direct Link](#))
- [Oncoviruses and Pathogenic MicroRNAs in Humans.](#)
*For disease prognosis, the functional significance of the oncoviral...*19th November, 2009
Retroviral Genetics Group, Nagoya City University, Nagoya, 467-8603,- Open Virol J. 2009 May

- 7;3:37-51. ([DOI Direct Link](#))
- [The other side of phenotypic plasticity: a developmental system that generates an invariant phenotype despite environmental variation.](#)
Understanding how the environment impacts development is of central... 19th November, 2009
 Institute of Developmental Biology and Cancer, University of Nice- J Biosci. 2009 Oct;34(4):543-551.
 - [Analysis of expressed sequence tags and identification of genes encoding cell-wall-degrading enzymes from the fungivorous nematode *Aphelenchus avenae*.](#)
*ABSTRACT: BACKGROUND: The fungivorous nematode, *Aphelenchus avenae* is...* 18th November, 2009
 - BMC Genomics. 2009 Nov 16;10(1):525. ([DOI Direct Link](#))
 - [IDENTIFICATION AND PHYLOGENETIC ANALYSIS OF DIROFILARIA URSI \(NEMATODA: FILARIOIDEA\) FROM WISCONSIN BLACK BEARS \(URSUS AMERICANUS\) AND ITS WOLBACHIA ENDOSYMBIONT.](#)
*Diriofilaria ursi is a filarial nematode of American black bears (*Ursus*...* 18th November, 2009
 - J Parasitol. 2009 Nov 16:1. ([DOI Direct Link](#))
 - [High Prevalence of Strongyloides stercoralis Among School Children in Rural Cote d'Ivoire.](#)
Two cross-sectional surveys were carried out in rural Cote d'Ivoire, the... 18th November, 2009
 - J Parasitol. 2009 Nov 16:1. ([DOI Direct Link](#))
 - [Worms from Venus and Mars: Proteomics profiling of sexual differences in *Caenorhabditis elegans* using in vivo 15N isotope labeling.](#)
*Hermaphrodites of the nematode *Caenorhabditis elegans* produce both sperm...* 18th November, 2009
 - J Proteome Res. 2009 Nov 16. ([DOI Direct Link](#))
 - [Cytoskeletal Forces Span the Nuclear Envelope to Coordinate Meiotic Chromosome Pairing and Synapsis.](#)
During meiosis, each chromosome must pair with its unique homologous... 17th November, 2009
 Howard Hughes Medical Institute, Chevy Chase, MD 20815 USA; Department of- Cell. 2009 Nov 11. ([DOI Direct Link](#))
 - [WormBase: a comprehensive resource for nematode research.](#)
WormBase (<http://www.wormbase.org>) is a central data repository for... 17th November, 2009
 Ontario Institute For Cancer Research, Toronto, ON, Canada M5G0A3,- Nucleic Acids Res. 2009 Nov 12. ([DOI Direct Link](#))
 - [The effect of moxidectin 0.1% vs ivermectin 0.08% on milk production in sheep naturally infected by gastrointestinal nematodes.](#)
ABSTRACT: BACKGROUND: Gastrointestinal nematode (GIN) infection is one of... 17th November, 2009
 - BMC Vet Res. 2009 Nov 12;5(1):41. ([DOI Direct Link](#))
 - [Identification and characterization of a dual-acting antinematodal agent against the pinewood nematode, *Bursaphelenchus xylophilus*.](#)
*The pinewood nematode (PWN), *Bursaphelenchus xylophilus*, is a mycophagous...* 13th November, 2009
 Yonsei Proteome Research Center and Department of Biochemistry, College of- PLoS One. 2009 Nov 11;4(11):e7593. ([DOI Direct Link](#))

BioNews Results for Nematode

- [Turf Nematode Control](#)
Turf: Oct 12 2009 3:53PM Matching: nematode



Nematode Patents:

- 7608682- [Substrates of N-end rule ubiquitylation and methods for measuring the ubiquitylation of these substrates](#)
- 7612259- [Soybean variety D4127789](#)
- 7612266- [Plants and seeds of hybrid corn variety CH130744](#)
- 7612267- [Plants and seeds of hybrid corn variety CH532435](#)
- 7612268- [Plants and seeds of hybrid corn variety CH042217](#)
- 7615213- [Antibodies against human interleukin-13 and pharmaceutical compositions thereof](#)
- 7615240- [Method and composition for the control of gastrointestinal parasites in animals](#)
- 7615610- [Modified trafficking patterns for arrestin and G-protein-coupled receptors via arrestin-ubiquitin chimera](#)
- 7615618- [Oligonucleotides comprising a non-phosphate backbone linkage](#)
- 7615623- [BAG proteins and nucleic acid molecules encoding them](#)
- 7615624- [Arabidopsis derived promoters for regulation of plant expression](#)
- 7612256- [Isolated nucleic acid molecules encoding the Br2 P-glycoprotein of maize and methods of modifying growth in plants transformed therewith](#)
- 7612255- [Transgenic plants for mitigating introgression of genetically engineered genetic traits](#)
- 7612105- [3-arylphenyl sulfide derivative and insecticide and miticide](#)
- 7608698- [Hypoxia inducible factors and uses thereof for inducing angiogenesis and improving muscular functions](#)
- 7608751- [Fungus resistant plants and their uses](#)
- 7608761- [Method for disease control in MON89788 soybean](#)
- 7608762- [Plants and seeds of hybrid corn variety CH788706](#)
- 7608763- [Plants and seeds of hybrid corn variety CH100833](#)
- 7608765- [Plants and seeds of corn variety CV840071](#)
- 7611596- [Method of making a dunnage platform](#)
- 7611839- [Methods for diagnosing RCC and other solid tumors](#)
- 7611854- [Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor](#)
- 7612100- [Anthranilamides, process for the production thereof, and pest controllers containing the same](#)
- 7615678- [Methods for using artificial polynucleotides and compositions thereof to reduce transgene silencing](#)
- 7615685- [Methods of producing human or animal food from stably transformed, fertile maize plants](#)
- 7619062- [PRO214 polypeptides](#)
- 7619064- [Bacillus thuringiensis gene with coleopteran activity](#)
- 7619133- [Polynucleotides and methods for making plants resistant to fungal pathogens](#)
- 7619139- [Soybean variety D4572906](#)
- 7619140- [Soybean variety D4659251](#)
- 7619141- [Soybean variety D4825495](#)
- 7619142- [Soybean variety D4102536](#)
- 7619143- [Soybean variety D4223057](#)
- 7619146- [Method for modifying plant morphology, biochemistry and physiology](#)
- 7619148- [Soybean variety XB22Y08](#)
- 7618975- [4-aryl-amino-quinazolines and analogs as activators of caspases and inducers of apoptosis and the use thereof](#)
- 7618808- [Remote control video incubation and reaction chamber](#)

- 7618788- [Proteome epitope tags and methods of use thereof in protein modification analysis](#)
- 7615688- [Soybean variety D4713125](#)
- 7615689- [Methods for coupling resistance alleles in tomato](#)
- 7615691- [Inbred corn line G07-NPAX5290](#)
- 7615692- [Plants and seeds of hybrid corn variety CH946240](#)
- 7615695- [Plants and seeds of hybrid corn variety CH394140](#)
- 7615696- [Plants and seeds of hybrid corn variety CH160029](#)
- 7615697- [Plants and seeds of hybrid corn variety CH060503](#)
- 7618629- [Manipulation of cytokine levels using CD83 gene products](#)
- 7618651- [Pharmaceutical compositions for drug delivery and methods of treating or preventing conditions using same](#)
- 7618778- [Producing, cataloging and classifying sequence tags](#)
- 7619153- [Plants and seeds or corn variety CV024085](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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