

Longevity

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Reflections on longevity have usually gone beyond acknowledging the basic shortness of human life and have included thinking about methods to extend life. Longevity has been a topic not only for the scientific community but also for writers of travel, science fiction and utopian novels. There are many difficulties in authenticating the longest human lifespan ever, due to inaccurate birth statistics; though fiction, legend, and mythology have proposed or claimed vastly longer lifespans in the past or future and longevity myths frequently allege them to exist in the present. The word 'longevity' is sometimes used as a synonym for 'life expectancy' in demography. However, this is not the most popular or accepted definition. For the general public as well as writers, the word generally connotes 'long life', especially when it concerns someone or something lasting longer than expected. ([From the Wikipedia article Longevity](#).)

Recent Publications on Longevity:



- [Microscale and nanoscale surface strain mapping of single asperity wear in ultra high molecular weight polyethylene: Effects of materials, load, and asperity geometry.](#)
Wear of ultra high molecular weight polyethylene (UHMWPE) is a limiting... 21st November, 2009
Department of Biomedical and Chemical Engineering, Syracuse University,- J Biomed Mater Res A. 2009 Nov 19. ([DOI Direct Link](#))
- [Courtship learning in Drosophila melanogaster: Diverse plasticity of a reproductive behavior.](#)
Mechanisms for identifying appropriate mating partners are critical for... 21st November, 2009
Department of Biology, National Center for Behavioral Genomics and Volen- Learn Mem. 2009 Nov 19;16(12):743-750. Print 2009. ([DOI Direct Link](#))
- [Enhancing the longevity of microparticle-based glucose sensors towards 1 month continuous operation.](#)
Luminescent microspheres encapsulating glucose oxidase have recently been... 21st November, 2009
Department of Biomedical Engineering, Texas A&M University, College- Biosens Bioelectron. 2009 Oct 12. ([DOI Direct Link](#))
- [Issues of concern to emergency physicians in pre-retirement years: a survey.](#)
Background: Many members of the American College of Emergency Physicians... 21st November, 2009
Department of Emergency Medicine, University of Southern California, Los- J Emerg Med. 2009 Nov 17. ([DOI Direct Link](#))
- [Transcatheter pulmonary valve implantation using the edwards SAPIEN transcatheter heart valve.](#)
BACKGROUND:: Conduits placed in the right ventricular outflow tract (RVOT)... 20th November, 2009
St. Paul's Hospital, University of British Columbia, Vancouver, Canada.- Catheter Cardiovasc Interv. 2009 Aug 20. ([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](#))

- [Effect of somatic cell count level on functional longevity in Valle del Belice dairy sheep assessed using survival analysis.](#)
*The objectives of this study were to evaluate the effect of somatic cell...*20th November, 2009
Dipartimento S.En.Fi.Mi.Zo.-Sezione Produzioni Animali, Università degli- J Dairy Sci. 2009 Dec;92(12):6160-6166. ([DOI Direct Link](#))
- [Helminth cysteine proteases inhibit TRIF-dependent activation of macrophages via degradation of TLR3.](#)
*Helminth pathogens prepare a Th2 type immunological environment in their...*20th November, 2009
National University of Maynooth, Ireland;- J Biol Chem. 2009 Nov 18. ([DOI Direct Link](#))
- [Systemic arteriovenous fistulae for end-stage cyanosis after cavopulmonary connection: A useful bridge to transplantation.](#)
*OBJECTIVE: Intractable cyanosis after partial or complete cavopulmonary...*20th November, 2009
Departments of Pediatrics and Surgery, Division of Cardiovascular Surgery,- J Thorac Cardiovasc Surg. 2009 Nov 16. ([DOI Direct Link](#))
- [A New Cultivation System for Studying Chemical Effects on the Lifespan of the Fruit Fly.](#)
*A side-by-side comparison was made between a conventional vial system and...*20th November, 2009
Dept. of Nutrition & Food Hygiene, School of Public Health, FuDan- Exp Gerontol. 2009 Nov 13. ([DOI Direct Link](#))
- [Prion Protein Adsorption to Soil in a Competitive Matrix Is Slow and Reduced.](#)
*It is likely that the soil environment serves as a stable reservoir of...*20th November, 2009
Department of Civil Engineering, University of Nebraska-Lincoln, Peter- Environ Sci Technol. 2009 Oct 15;43(20):7728-7733. ([DOI Direct Link](#))
- [Transcription-blocking DNA damage in aging: a mechanism for hormesis.](#)
*Recent evidence from studies on DNA repair systems that are implicated in...*19th November, 2009
Cologne Excellence Cluster for Cellular Stress Responses in Aging- Bioessays. 2009 Nov 17;31(12):1347-1356. ([DOI Direct Link](#))
- [Efficient transformation of Kalanchoe blossfeldiana and production of male-sterile plants by engineered anther ablation.](#)
*Engineered male sterility in ornamental plants has many applications such...*19th November, 2009
Instituto de Biología Molecular y Celular de Plantas (CSIC.-UPV.), Ciudad- Plant Cell Rep. 2009 Nov 17. ([DOI Direct Link](#))
- [Phenotypic plasticity and longevity in plants and animals: cause and effect?](#)
*Immobile plants and immobile modular animals outlive unitary animals. This...*19th November, 2009
Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560- J Biosci. 2009 Oct;34(4):605-611.
- [Short communication: comparison of load-fatigue testing of ceramic veneers with two different preparation designs.](#)
*The concept of tooth preparation for ceramic veneers remains controversial...*18th November, 2009
- Int J Prosthodont. 2009 Nov-Dec;22(6):573-5.

BioNews Results for Longevity

- [Key to Longevity Found](#)
MedIndia: Nov 17 2009 5:11AM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
Bionity.com: Nov 14 2009 6:29PM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
Innovations Report: Nov 14 2009 12:19AM Matching: longevity

- [Dr. Mao's Secrets of Longevity: 10 Best and Worst Foods for Blood Pressure](#)
Santa Monica Mirror: Nov 13 2009 9:07AM Matching: longevity
- [\[Research Article\] Starvation Protects Germline Stem Cells and Extends Reproductive Longevity in C. elegans](#)
Science Magazine: Nov 12 2009 10:26PM Matching: longevity
- [Longevity Tied To Genes That Preserve Tips Of Chromosomes](#)
Medical News Today: Nov 12 2009 6:34PM Matching: longevity
- [Longevity Tied To Genes That Preserve Tips Of Chromosomes](#)
Red Orbit: Nov 12 2009 4:27PM Matching: longevity
- [Longevity Tied To Genes That Preserve Tips Of Chromosomes](#)
Science Daily: Nov 12 2009 8:25AM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
PhysOrg.com: Nov 12 2009 5:54AM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
Genetic Engineering News: Nov 12 2009 2:45AM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
EurekAlert!: Nov 12 2009 12:09AM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
Research & Development: Nov 12 2009 12:05AM Matching: longevity
- [Longevity tied to genes that preserve tips of chromosomes](#)
Genetic Engineering News: Nov 11 2009 11:21PM Matching: longevity
- [Longevity Tied to Genes That Preserve Tips of Chromosomes](#)
Newswise: Nov 11 2009 8:21PM Matching: longevity
- [Cognitive Function in Ageing Retained By Longevity Gene](#)
MedIndia: Nov 10 2009 12:28PM Matching: longevity

Longevity Patents:



- 7615129- [Structural damage repair elements and kit](#)
- 7616374- [Electrophoretic displays with improved high temperature performance](#)
- 7616670- [Laser light source apparatus and image generating apparatus using laser light source apparatus](#)
- 7616992- [Intravascular medical device](#)
- 7616997- [Devices and methods for cardiovascular reflex control via coupled electrodes](#)
- 7617128- [Online transaction hosting apparatus and system](#)
- 7617638- [Siding system](#)
- 7617734- [Pressure sensor with dual chamber cover](#)
- 7617798- [Animal bedding additive and animal bedding containing the same](#)
- 7616370- [Preferentially deposited lubricant to prevent anti-stiction in micromechanical systems](#)
- 7615972- [System and method for electric current and power monitoring and control of a generator](#)
- 7615941- [Apparatus and method for maximizing the longevity of arc tube bulbs during pulsing operation](#)
- 7615166- [Brush material for motor and manufacturing method thereof](#)
- 7615247- [Method for treating electrical cable at sustained elevated pressure](#)
- 7615299- [Method and apparatus for thermal, mechanical, and electrical optimization of a solid-oxide](#)

[fuel cell stack](#)

- 7615349- [Melanoma gene signature](#)
- 7615541- [siRNA targeting TIE-2](#)
- 7615611- [Human cytokine receptor](#)
- 7615612- [Polypeptide](#)
- 7615661- [Thioester compounds and their use in fragrance or flavor applications](#)
- 7617903- [Pivoting engine mount for a model vehicle](#)
- 7617965- [Method for measuring loads on a friction stir welding tool](#)
- 7618125- [Printhead integrated circuit with vapor bubbles offset from nozzle axis](#)
- 7619081- [siRNA targeting coatomer protein complex, subunit beta 2 \(COPB2\)](#)
- 7619138- [Precise breeding](#)
- 7619383- [High steps brushless DC \(BLDC\) motor](#)
- 7619667- [Solid-state image device and camera including solid-state image device for selective outputs](#)
- 7620086- [Semiconductor laser and electronic device](#)
- 7620339- [Image forming apparatus including first and second cleaning members](#)
- 7620452- [Systems and methods for managing the longevity of an implantable medical device battery](#)
- 7620458- [Sheath and electrical lead](#)
- 7619064- [Bacillus thuringiensis gene with coleopteran activity](#)
- 7618939- [Compositions and methods to prevent cancer with cupredoxins](#)
- 7618937- [Peptidomimetic polymers for antifouling surfaces](#)
- 7618127- [Printer system having planar bubble nucleating heater elements](#)
- 7618356- [Exercise apparatus including a resistance training assembly coupled within an exercising shoe](#)
- 7618622- [Treatment of Parkinson's disease and related disorders using postpartum derived cells](#)
- 7618663- [Anti-arthritis herbal composition and method thereof](#)
- 7618757- [Imaging member having first and second charge transport layers](#)
- 7618770- [Methods and apparatus for reducing protein content in sperm cell extenders](#)
- 7618774- [Materials and methods for identifying genes and/or agents that alter replicative lifespan](#)
- 7618816- [Metal-binding therapeutic peptides](#)
- 7620961- [Open-architecture file system](#)

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