

## Cell Enlargement

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### Recent Publications on Cell Enlargement:



- [DNA Methylation Pattern Changes upon Long-Term Culture and Aging of Human Mesenchymal Stromal Cells.](#)  
*Summary Within two to three months of in vitro culture-expansion,...*10th November, 2009  
Department of Medicine V, University of Heidelberg, 69120 Heidelberg,- Aging Cell. 2009 Nov 6. ([DOI Direct Link](#))
- [Gene-expression profiling of grape bud response to two alternative dormancy-release stimuli expose possible links between impaired mitochondrial activity, hypoxia, ethylene-ABA interplay and cell enlargement.](#)  
*A grape-bud-oriented genomic platform was produced for a large-scale...*5th November, 2009  
Department of Fruit Tree Sciences, Institute of Horticulture, Agricultural- Plant Mol Biol. 2009 Nov;71(4-5):403-23. Epub 2009 Aug 4. ([DOI Direct Link](#))
- [Cell wall biogenesis of Arabidopsis thaliana elongating cells: transcriptomics complements proteomics.](#)  
*BACKGROUND: Plant growth is a complex process involving cell division and...*3rd November, 2009  
Surfaces cellulaires et Signalisation chez les Vegetaux, UMR 5546 CNRS -- BMC Genomics. 2009 Oct 31;10:505. ([DOI Direct Link](#))
- [Red blood cells carry out T cell growth and survival bioactivities that are sensitive to cyclosporine A.](#)  
*Red blood cells (RBC) have emerged as a novel regulatory cell type endowed...*23rd October, 2009  
Lymphocyte Biology Group, IBMC, Instituto de Biologia Celular e Molecular,- Cell Mol Life Sci. 2009 Oct;66(20):3387-98. ([DOI Direct Link](#))
- [Changes in growth kinetics of stamen filaments cause inefficient pollination in massugu2, an auxin insensitive, dominant mutant of Arabidopsis thaliana.](#)  
*We investigated the physiological and molecular basis of lower fecundity...*23rd October, 2009  
Biosystems Science Course, Graduate School of Life Science, Hokkaido- Physiol Plant. 2009 Oct;137(2):175-87. Epub 2009 Jul 20. ([DOI Direct Link](#))
- [Involvement of C-22-hydroxylated brassinosteroids in auxin-induced lamina joint bending in rice.](#)  
*The rice lamina joint is ideal material for investigating the activity of...*17th October, 2009  
RIKEN Advanced Science Institute, Wako, Saitama, Japan.- Plant Cell Physiol. 2009 Sep;50(9):1627-35. Epub 2009 Jul 15. ([DOI Direct Link](#))
- [Enlargement of neuronal size in rat auditory cortex after prolonged sound exposure.](#)  
*Prolonged sound exposure produces functional changes in the auditory...*14th October, 2009  
Department of Physiology, Medical College, National Cheng Kung University,- Neurosci Lett. 2009 Oct 2;463(2):145-9. Epub 2009 Jul 29. ([DOI Direct Link](#))
- [Changing numbers of neuronal and non-neuronal cells underlie postnatal brain growth in the rat.](#)

*The rat brain increases >6x in mass from birth to adulthood, presumably...*9th October, 2009  
Instituto de Ciencias Biomedicas, Universidade Federal do Rio de Janeiro,- Proc Natl Acad Sci U S A.  
2009 Aug 18;106(33):14108-13. Epub 2009 Aug 4. ([DOI Direct Link](#))

- [Increased endothelial cell adhesion and elongation on micron-patterned nano-rough poly\(dimethylsiloxane\) films.](#)

*The success of synthetic vascular grafts is largely determined by their...*17th September, 2009  
Division of Engineering, Brown University, Providence, RI 02912, USA.- Nanotechnology. 2009 Jul  
29;20(30):305102. Epub 2009 Jul 7. ([DOI Direct Link](#))

- [A Dictyostelium chalone uses G proteins to regulate proliferation.](#)

*BACKGROUND: Several studies have shown that organ size, and the...*11th September, 2009  
Department of Biochemistry and Cell Biology, MS-140, Rice University,- BMC Biol. 2009 Jul 27;7:44. ([DOI Direct Link](#))

- [p70 Ribosomal S6 Kinase is Required for Airway Smooth Muscle Cell Size Enlargement but not Increased Contactile Protein Expression.](#)

*We examined the contribution of p70 ribosomal S6 kinase (p70S6K) to airway...*4th August, 2009  
Pediatrics and Communicable Diseases, University of Michigan, Ann Arbor,- Am J Respir Cell Mol Biol.  
2009 Jul 31. ([DOI Direct Link](#))

- [Molecular regulation of limb growth.](#)

*A long-standing question in biology is whether there is an intrinsic...*29th July, 2009  
Department of Orthopaedic Surgery, David Geffen School of Medicine at- J Bone Joint Surg Am. 2009  
Jul;91 Suppl 4:47-52. ([DOI Direct Link](#))

- [Inflammation and impaired adipogenesis in hypertrophic obesity in man.](#)

*Obesity is mainly associated with adipose cell enlargement in adult man...*23rd July, 2009  
University of Gothenburg.- Am J Physiol Endocrinol Metab. 2009 Jul 21. ([DOI Direct Link](#))

- [Cell growth and size homeostasis in proliferating animal cells.](#)

*A long-standing question in biology is whether there is an intrinsic...*23rd July, 2009  
Department of Systems Biology, Harvard Medical School, Boston, MA 02115,- Science. 2009 Jul  
10;325(5937):167-71. ([DOI Direct Link](#))

- [Cell biology. Sizing up the cell.](#)

*A long-standing question in biology is whether there is an intrinsic...*23rd July, 2009  
Fred Hutchinson Cancer Research Center, Seattle, WA 98109, USA.- Science. 2009 Jul  
10;325(5937):158-9. ([DOI Direct Link](#))

## Cell Enlargement Patents:



- 6914072- [Cannabinoid drugs](#)
- 7098189- [Wound and skin care compositions](#)
- 7101712- [Plant protein with repeated WD40 motifs, nucleic acid coding for said protein, and uses thereof](#)
- 7102059- [DNA molecules and polypeptides of Pseudomonas syringae Hrp pathogenicity island and their uses](#)
- 7136660- [Positional determination of a user in a mobile communications system with emission diversity](#)
- 7141422- [Transgenic trees exhibiting increased growth, biomass production and xylem fibre length, and methods for their production](#)

- 7151206- [Arabidopsis argos, a novel gene involved in organ development](#)
- 7166270- [Methods of screening compounds useful for prevention of infection or pathogenicity](#)
- 7166604- [Antiviral agents](#)
- 7169964- [Genetic control of organ abscission](#)
- 7186561- [Plant polynucleotides encoding novel Na.sup.+ /H.sup.+ antiporters](#)
- 7087573- [Methods of inhibiting platelet anti-HLA alloimmune antibody responses with soluble 18 KDa CD40L](#)
- 7078403- [Antiviral agents](#)
- 7049291- [Isolation and method of using tissue growth-inducing Frzb protein](#)
- 6924367- [Method of modulating tissue growth using Frzb Protein](#)
- 6933376- [Cell cycle polynucleotides, polypeptides and uses thereof](#)
- 6962696- [Compositions and methods for tumor-targeted delivery of effector molecules](#)
- 6967102- [Nitric oxide manipulation of muscle satellite cell activation](#)
- 6967246- [Microbial swollenin protein, DNA sequences encoding such swollenins and method of producing such swollenins](#)
- 6974835- [Methods for decreasing cell proliferation based on \(3r,4r\)-.DELTA.8-tetrahydrocannabinol-11-oic acids](#)
- 7001743- [Expansin polynucleotides, related polypeptides and methods of use](#)
- 7002059- [Modification of plant fibers](#)
- 7005298- [Micropropagation and production of phytopharmaceutical plants](#)
- 7041874- [Isolated nucleic acid molecules encoding the Br2 P-glycoprotein of maize and methods of modifying growth in plants transformed therewith](#)
- 7205261- [Use of certain N-acylethanolamines to achieve ethylene- and cytokinin-like effects in plants and fungi](#)
- 7217861- [Root-specific expansin gene regulating root growth and obstacle-touching stress resistance in the plant](#)
- 7452531- [Compositions and methods for tumor-targeted delivery of effector molecules](#)
- 7452664- [Methods for identifying agents which alter histone protein acetylation](#)
- 7460914- [Devices and methods to stimulate therapeutic angiogenesis for ischemia and heart failure](#)
- 7504384- [Use of lipid conjugates in the treatment of infection](#)
- 7547548- [Method for producing direct in vitro flowering and viable seed from cotyledon, radicle, and leaf explants, and plants produced therefrom](#)
- 7563596- [Method of modulating tissue growth using Frzb protein](#)
- 7579150- [Mobile RNA acts as a signal to regulate plant growth and development](#)
- 7579164- [Optimization of coronatine production in a genetically improved strain of Pseudomonas syringae](#)
- 7579465- [Antiviral agents](#)
- 7608642- [Wound and skin care compositions](#)
- 7435878- [Method for altering the male fertility of plants](#)
- 7422740- [Use of lytic toxins and toxin conjugates](#)
- 7400931- [Devices and methods to stimulate therapeutic angiogenesis for ischemia and heart failure](#)
- 7221510- [Method of producing polarizing film, polarizing film and image display device using the same](#)
- 7226756- [Purified plant expansin proteins and DNA encoding same](#)
- 7265263- [Potato transcription factors, methods of use thereof, and a method for enhancing tuber development](#)
- 7276584- [Isolated nucleic acid molecules encoding the Br2 P-glycoprotein of maize and methods of modifying growth in plants transformed therewith](#)
- 7276647- [Isolated nucleic acid molecules encoding the Dw3 P-glycoprotein of sorghum and methods of modifying growth in transgenic plants therewith](#)
- 7348145- [Clinical assays for the detection and typing of human herpesviruses](#)
- 7358418- [Isoforms of eIF-5A: senescence-induced eLF5A; wounding-induced eIF-4A; growth eIF-5A; and DHS](#)
- 7358419- [Enhanced silk exertion under stress](#)

- 7371439- [Antireflection film, polarizing plate and image display device](#)
- 7371755- [Antiviral agents](#)
- 7612256- [Isolated nucleic acid molecules encoding the Br2 P-glycoprotein of maize and methods of modifying growth in plants transformed therewith](#)

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