

Elastic Cartilage

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Recent Publications on Elastic Cartilage:

- [A newly developed immunoisolated bioartificial pancreas with cell sheet engineering.](#)
*The term "immunoisolation" refers to the encapsulation of a graft in a...*13th May, 2008
Laboratory of Veterinary Surgery, Graduate School of Agricultural and Life- Cell Transplant.
2008;17(1-2):51-9.
- [Ossification of the auricle.](#)
*The auricle is a flexible structure because it is formed by elastic...*9th April, 2008
Department of Dermatology, University Hospital Maastricht, Maastricht, The- Int J Dermatol. 2007
Nov;46 Suppl 3:42-4. ([DOI Direct Link](#))
- [CCN family 2/connective tissue growth factor \(CCN2/CTGF\) stimulates proliferation and differentiation of auricular chondrocytes.](#)
*OBJECTIVES: CCN family 2/connective tissue growth factor (CCN2/CTGF) is an...*22nd February, 2008
Department of Biochemistry and Molecular Dentistry, Okayama University- Osteoarthritis Cartilage.
2008 Jul;16(7):787-95. Epub 2008 Mar 4. ([DOI Direct Link](#))
- [A comparative analysis of cartilage engineered from different perinatal mesenchymal progenitor cells.](#)
*We sought to compare engineered cartilaginous constructs derived from...*26th January, 2008
Department of Surgery, Children's Hospital Boston & Harvard Medical- Tissue Eng. 2007
Nov;13(11):2633-44. ([DOI Direct Link](#))
- [FGF2 and dexamethasone increase the production of hyaluronan in two-dimensional culture of elastic cartilage-derived cells: in vitro analyses and in vivo cartilage formation.](#)
*Elastic cartilage-derived cells cultured two-dimensionally with FGF2 and...*6th December, 2007
Section of Orthopaedic Surgery, Graduate School, Tokyo Medical and Dental- Cell Tissue Res. 2007
Sep;329(3):469-78. Epub 2007 Jun 22. ([DOI Direct Link](#))
- [Pediatric auricular chondrocytes gene expression analysis in monolayer culture and engineered elastic cartilage.](#)
*OBJECTIVES: This study was aimed at regenerating autologous elastic...*10th October, 2007
Department of Physiology, Faculty of Medicine, Universiti Kebangsaan- Int J Pediatr Otorhinolaryngol.
2007 Aug;71(8):1225-34. Epub 2007 May 24. ([DOI Direct Link](#))
- [Defining nasal cartilage elasticity: biomechanical testing of the tripod theory based on a cantilevered model.](#)
*OBJECTIVE: To define the modulus of elasticity for nasal septum,...*7th September, 2007
Department of Otolaryngology, State University of New York Downstate- Arch Facial Plast Surg. 2007
Jul-Aug;9(4):264-70. ([DOI Direct Link](#))

- [Ramped versus stepwise thermoelastic testing of latex and elastic tissues.](#)
Thermoelastic testing assesses the elastic mechanisms of polymers through... 15th June, 2007
School of Biomedical Engineering, Dalhousie University, 5981 University- Biomed Sci Instrum. 2007;43:206-11.
- [Formation of cartilage in vivo with immobilized autologous rabbit auricular cultured chondrocytes in collagen matrices.](#)
BACKGROUND: The availability of generated cartilage de novo is one of the... 3rd May, 2007
Instituto de Biomedicina de Valencia, Spanish Council for Scientific- Plast Reconstr Surg. 2007 May;119(6):1707-13. ([DOI Direct Link](#))
- [A locus for autosomal dominant accessory auricular anomaly maps to 14q11.2-q12.](#)
Accessory auricular anomaly is a small excrescence of skin that contains... 17th April, 2007
Tianjin Eye Institute, Tianjin Eye Hospital, Tianjin Medical University,- Hum Genet. 2006 Aug;120(1):144-7. Epub 2006 Jun 15. ([DOI Direct Link](#))
- [Clinical application of cultured autologous human auricular chondrocytes with autologous serum for craniofacial or nasal augmentation and repair.](#)
BACKGROUND: The repair of a craniofacial or nose deformity requires a... 24th May, 2006
Yanaga Clinic and Tissue Culture Laboratory, Osaka City General Hospital,- Plast Reconstr Surg. 2006 May;117(6):2019-30; discussion 2031-2. ([DOI Direct Link](#))
- [Immunolocalization of matrix proteins in different human cartilage subtypes.](#)
Cartilage exerts many functions in different tissues and parts of the... 14th April, 2006
Department of Pathology, University of Erlangen-Nurnberg, Germany.- Histol Histopathol. 2006 May;21(5):477-85.
- [Upper airway dysfunction associated with collapse of the apex of the corniculate process of the left arytenoid cartilage during exercise in 15 horses.](#)
OBJECTIVE: To report dynamic collapse of the apex of the left corniculate... 15th March, 2006
Faculty of Veterinary Science, The University of Sydney, New South Wales,- Vet Surg. 2005 Nov-Dec;34(6):543-7. ([DOI Direct Link](#))
- [Producing a flexible tissue-engineered cartilage framework using expanded polytetrafluoroethylene membrane as a pseudoperichondrium.](#)
BACKGROUND: Both native and engineered cartilage is brittle and fractures... 28th January, 2006
Department of Plastic Surgery, Massachusetts General Hospital, Harvard- Plast Reconstr Surg. 2005 Aug;116(2):577-89.
- [Ultrastructural analysis of mouse embryonic stem cell-derived chondrocytes.](#)
Pluripotent embryonic stem (ES) cells cultivated as cellular aggregates,... 16th December, 2005
Department of Medical Molecular Biology, University of Lubeck, Lubeck,- Anat Embryol (Berl). 2005 Oct;210(3):175-85. Epub 2005 Oct 18. ([DOI Direct Link](#))

Elastic Cartilage Patents:



- 6808704- [Method for generating immune-compatible cells and tissues using nuclear transfer techniques](#)
- 7052514- [Methods and reagents for tissue engineering of cartilage in vitro](#)
- 7074571- [Serine carboxypeptidase hx \(SCPhx\) and compositions thereof](#)
- 7074901- [Isolated human vCOL16A1 polypeptide and fragments thereof](#)

- 7094876- [Human cDNAs and proteins and uses thereof](#)
- 7118746- [Conditioned cell culture medium compositions and methods of use](#)
- 7122629- [Human cDNAs and proteins and uses thereof](#)
- 7135336- [Use of *Xenopus laevis* oocytes a microincubators](#)
- 7135459- [Methods of use of FGF homologs](#)
- 7137989- [Method, instruments, and kit for autologous transplantation](#)
- 7156880- [Devices and methods for treating defects in the tissue of a living being](#)
- 7048750- [Method, instruments, and kits for autologous transplantation](#)
- 7041641- [Osteogenic devices and methods of use thereof for repair of endochondral bone and osteochondral defects](#)
- 7033587- [Use of adipose tissue-derived stromal cells for chondrocyte differentiation and cartilage repair](#)
- 6809075- [Elastin peptide analogs and uses of same in combination with skin enhancing agents](#)
- 6841150- [Use of adipose tissue-derived stromal cells for chondrocyte differentiation and cartilage repair](#)
- 6849255- [Methods and compositions for enhancing cartilage repair](#)
- 6866668- [Methods, instruments and materials for chondrocyte cell transplantation](#)
- 6949252- [Method for preparing an implantable multilayer tissue construct](#)
- 6958149- [Repair of larynx, trachea, and other fibrocartilaginous tissues](#)
- 6962904- [Elastin peptide analogs and uses thereof](#)
- 6989262- [Plasmin variants and uses thereof](#)
- 7005500- [Human cDNAs and proteins and uses thereof](#)
- 7009039- [Plasma protein matrices and methods for their preparation](#)
- 7157080- [Injectable hyaluronic acid derivative with pharmaceuticals/cells](#)
- 7160725- [Hedgehog signaling promotes the formation of three dimensional cartilage matrices](#)
- 7305985- [Laryngeal mask airway device](#)
- 7306627- [Acellular matrix grafts of collagen and elastic fiber](#)
- 7332200- [Permeabilizing biofilms](#)
- 7335508- [Porous plasma protein matrices and methods for preparation thereof](#)
- 7351423- [Musculo-skeletal implant having a bioactive gradient](#)
- 7368124- [Method of preparation of bioabsorbable porous reinforced tissue implants and implants thereof](#)
- 7410947- [Osteogenic devices and methods of use thereof for repair of endochondral bone and osteochondral defects](#)
- 7412978- [Augmentation and repair of vocal cord tissue defects](#)
- 7413864- [Treating cancer using a telomerase vaccine](#)
- 7416550- [Method and apparatus for the control and monitoring of shape change in tissue](#)
- 7291495- [.beta.-Secretase variant](#)
- 7273756- [Method for chondrocyte expansion with phenotype retention](#)
- 7262288- [Nucleic acids encoding human telomerase reverse transcriptase and related homologs](#)
- 7164775- [In the ear hearing aid utilizing annular ring acoustic seals](#)
- 7166133- [Devices and methods for treating defects in the tissue of a living being](#)
- 7169610- [Serum-free media for chondrocytes and methods of use thereof](#)
- 7189567- [Method of culturing human chondrocytes](#)
- 7195911- [Mammalian cells that have increased proliferative capacity](#)
- 7199234- [Regulatory segments of the human gene for telomerase reverse transcriptase](#)
- 7217294- [Acellular matrix implants for treatment of articular cartilage, bone or osteochondral defects and injuries and method for use thereof](#)
- 7217335- [Method of manufacturing a soft hearing aid](#)
- 7235107- [Devices and methods for treating defects in the tissue of a living being](#)
- 7241316- [Devices and methods for treating defects in the tissue of a living being](#)
- 7416885- [Proliferated cell lines and uses thereof](#)

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