

Bone Matrix

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Recent Publications on Bone Matrix:



- [\[Construction of tissue-engineered cartilage by seeding chondrocytes on allogeneic cancellous bone matrix gelatin.\]](#)
*OBJECTIVE: To evaluate the use of cancellous bone matrix gelatin (BMG)...*20th November, 2009
Physiotherapy Department of Rehabilitation Medicine Center, First- Nan Fang Yi Ke Da Xue Xue Bao. 2009 Nov 20;29(11):2161-2164.
- [\[Influence of bone-derived matrices on generation of bone in an ectopic rat model.\]](#)
*Most bone regeneration experimental models that test bone-derived matrices...*18th November, 2009
Department of Oral Biology, The Maurice and Gabriela Goldschleger, School- J Orthop Res. 2009 Nov 13. ([DOI Direct Link](#))
- [\[Vascular calcification and metabolic acidosis in end stage renal disease.\]](#)
*Cardiovascular manifestations are very common in patients with end stage...*18th November, 2009
Dialysis Center, Medical University, Sofia, Bulgaria.- Hippokratia. 2009 Jul;13(3):139-40.
- [\[Regional, ontogenetic, and sex-related variations in elastic properties of cortical bone in baboon mandibles.\]](#)
*Understanding the mechanical features of cortical bone and their changes...*17th November, 2009
Division of Basic Medical Sciences, Mercer University School of Medicine,- Am J Phys Anthropol. 2009 Nov 19. ([DOI Direct Link](#))
- [\[The effect of the delivery of vascular endothelial growth factor and bone morphogenic protein-2 to osteoprogenitor cell populations on bone formation.\]](#)
*Regenerating bone tissue involves complex, temporal and coordinated signal...*17th November, 2009
Bone & Joint Research Group, Centre for Human Development, Stem Cells and- Biomaterials. 2009 Nov 17. ([DOI Direct Link](#))
- [\[Polarisation of Hydroxyapatite: Influence on Osteoblast Cell Proliferation.\]](#)
*Hydroxyapatite (HA) has been used clinically to treat bone defects....*17th November, 2009
Institute of Science and Technology in Medicine, University of Keele, Guy- Acta Biomater. 2009 Nov 12. ([DOI Direct Link](#))
- [\[A comparison of bone reconstruction following application of bone matrix gelatin and autogenous bone grafts to alveolar defects: An animal study.\]](#)
*The aim of this study was to compare the quantity and quality of osseous...*17th November, 2009
Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental- J Craniomaxillofac Surg. 2009 Nov 10. ([DOI Direct Link](#))
- [\[Involvement of osteopontin as a core protein in craniopharyngioma calcification formation.\]](#)
*Matrix proteins are considered to be essential for biomineralization and...*11th November, 2009

- Department of Neurosurgery, Nanfang Hospital, Southern Medical University,- J Neurooncol. 2009 Nov 10. ([DOI Direct Link](#))
- [Heritability of lumbar trabecular bone mechanical properties in baboons.](#)
Genetic effects on mechanical properties have been demonstrated in... 11th November, 2009
Department of Genetics, Southwest Foundation for Biomedical Research, San- Bone. 2009 Nov 10. ([DOI Direct Link](#))
 - [CRTAP deficiency leads to abnormally high bone matrix mineralization in a murine model and in children with osteogenesis imperfecta type VII.](#)
Cartilage-associated protein (CRTAP) is an essential cofactor for the... 10th November, 2009
Ludwig Boltzmann Institute of Osteology at Hanusch Hospital of WGKK and- Bone. 2009 Nov 4. ([DOI Direct Link](#))
 - [The role of vitamin K2 on osteoblastic functions by using stem cell model.](#)
Vitamin K2 (MK4) functions were investigated by using the induced skin... 7th November, 2009
Department of Orthopedic Surgery, Faculty of Medicine, Siriraj Hospital,- J Med Assoc Thai. 2009 Sep;92 Suppl5:S1-3.
 - [Direct Chemical Cross-Linking of Platelet-Derived Growth Factor-BB to the Demineralized Bone Matrix Improves Cellularization and Vascularization.](#)
In previous studies, we have described the use of demineralized bone... 7th November, 2009
Biotechnology Research Center/Hubei Province Key Laboratory of Natural- Biomacromolecules. 2009 Nov 5. ([DOI Direct Link](#))
 - [Interaction of staphylococci with bone.](#)
Staphylococci, in particular Staphylococcus aureus, are the predominant... 6th November, 2009
Division of Microbial Diseases, UCL Eastman Dental Institute, University- Int J Med Microbiol. 2009 Nov 2. ([DOI Direct Link](#))
 - [Hip Geometry Variation is Associated With Bone Mineralization Pathway Gene Variants: The Framingham Study.](#)
Abstract Mineralization of bone matrix is an important process in bone... 6th November, 2009
- J Bone Miner Res. 2009 Nov 5. ([DOI Direct Link](#))
 - [Nuclear {alpha}NAC influences bone matrix mineralization and osteoblast maturation in vivo.](#)
Nascent-polypeptide-associated complex and coactivator alpha (alphaNAC) is... 4th November, 2009
Genetics Unit, Shriners Hospital for Children, Montreal (Quebec) Canada- Mol Cell Biol. 2009 Nov 2. ([DOI Direct Link](#))

BioNews Results for Bone Matrix

- [Bone implant offers hope for skull deformities](#)
Genetic Engineering News: Nov 20 2009 12:51AM Matching: bone matrix
- [Bone Implant Offers Hope for Skull Deformities](#)
PhysOrg.com: Nov 20 2009 4:32PM Matching: bone matrix
- [New bone matrix implant offers hope for babies born with skull deformities](#)
News-Medical.Net: Nov 20 2009 7:40AM Matching: bone matrix
- [Effects of Extracellular Matrix on Differentiation of Human Bone Marrow-Derived Mesenchymal Stem Cells into Smooth Muscle Cell Lineage: Utility for Cardiovascular Tissue Engineering](#)
Cells Tissues Organs: Nov 20 2009 1:06AM Matching: bone matrix
- [Scientists reconstruct epidermis from human embryonic stem cells](#)
MedWire News: Nov 20 2009 8:08PM Matching: bone matrix
- [BioMimetic Therapeutics Receives First Orthopedic Marketing Approval for Augment\(TM\) Bone Graft](#)
Pharmacy Choice: Nov 17 2009 8:31AM Matching: bone matrix
- [Ben-Gurion University Signs R&D Agreement with German Company curasan AG](#)
Bionity.com: Nov 14 2009 6:29PM Matching: bone matrix

- [Orthovita to Participate in the Lazard Capital Markets 6th Annual Healthcare Conference](#)
Freshnews.com: Nov 13 2009 5:24PM Matching: bone matrix
- [Orthovita to Participate in the Lazard Capital Markets 6th Annual Healthcare Conference](#)
Yahoo! Canada: Nov 13 2009 5:02PM Matching: bone matrix
- [Bone Marrow: Research reports on bone marrow from E. Leonardi and colleagues provide new insights](#)
NewsRX: Nov 11 2009 5:30AM Matching: bone matrix
- [Cardium Reports on Third Quarter 2009 Financial Results and Recent Developments](#)
Montana's News Station: Nov 10 2009 11:11PM Matching: bone matrix
- [Cardium Reports on Third Quarter 2009 Financial Results and Recent Developments](#)
KOTA Territory News: Nov 10 2009 8:52PM Matching: bone matrix
- [Alphatec Spine, Inc. Enters Supply and Distribution Agreement With ETEX Corporation for Novel Biolog](#)
Interest!ALERT: Nov 5 2009 9:34PM Matching: bone matrix
- [Medical News: BioMimetic Therapeutics Receives First Orthopedic Marketing Approval For Augment Bone Graft](#)
Medical News Today: Nov 5 2009 3:42AM Matching: bone matrix
- [BioMimetic Therapeutics Receives First Orthopedic Marketing Approval For Augment Bone Graft](#)
Medical News Today: Nov 5 2009 1:32AM Matching: bone matrix

Bone Matrix Patents:



- 7572594- [Screening assays for agonists or antagonists or receptor activator of NF- \$\kappa\$ B](#)
- 7582309- [Cohesive demineralized bone compositions](#)
- 7582640- [Vitronectin receptor antagonist derivatives, method for preparing same, use thereof as medicines and pharmaceutical compositions containing same](#)
- 7585323- [In vitro mechanical loading of musculoskeletal tissues](#)
- 7585637- [Estrogen related receptor, ERR.alpha., a regulator of bone formation](#)
- 7585670- [Automated methods for isolating and using clinically safe adipose derived regenerative cells](#)
- 7585839- [Medical uses of intercellular communication facilitating compounds](#)
- 7587230- [Method of using magnetic fields to uniformly induce electric fields for therapeutic purposes](#)
- 7588758- [COX-2 function and wound healing](#)
- 7589095- [4-phenyl-pyrimidine-2-carbonitrile derivatives](#)
- 7592176- [Method of forming mesenchymal stem cells from embryonic stem cells](#)
- 7582106- [Formable orthopedic fixation system with cross linking](#)
- 7581328- [Anatomical measurement tool](#)
- 7579433- [Methods and compositions for treatment of arthritis and cancer](#)
- 7572766- [IFBMs to promote the specific attachment of target analytes to the surface of orthopedic implants](#)
- 7572825- [Ketones and reduced ketones as therapeutic agents for the treatment of bone conditions](#)
- 7572899- [Compositions and methods for increasing bone mineralization](#)
- 7574248- [Method and apparatus for quantitative bone matrix imaging by magnetic resonance imaging](#)
- 7575580- [Instruments, implants and methods for positioning implants into a spinal disc space](#)
- 7575601- [Locking expandable implant and method](#)
- 7576053- [Methods and compositions for treating degenerative bone disorders](#)
- 7576132- [Arginine silicate inositol complex and use thereof](#)

- 7578823- [Delivery tool and method for delivering bone growth material](#)
- 7578999- [Antibodies specific for sclerostin](#)
- 7592177- [Compositions and methods for inducing cell dedifferentiation](#)
- 7595043- [Method for processing and using adipose-derived stem cells](#)
- 7611536- [Hemi-interbody spinal fusion implants manufactured from a major long bone ring](#)
- 7615054- [Bicompartmental knee implant and method](#)
- 7615078- [Vertebral body and disc space replacement devices](#)
- 7615373- [Electroprocessed collagen and tissue engineering](#)
- 7615538- [Method for therapy of rheumatoid arthritis](#)
- 7615626- [Methods, agents, and compound screening assays for inducing differentiation of undifferentiated mammalian cells into osteoblasts](#)
- 7618419- [Method and system of computer assistance for the reduction of a fracture](#)
- 7618453- [Facet joint replacement](#)
- 7618455- [Multiple facet joint replacement](#)
- 7618460- [Reinforced molded implant formed of cortical bone](#)
- 7611355- [Manual driver for implant drills and method of dental implantation](#)
- 7608451- [Gene regulation in transgenic animals using a transposon-based vector](#)
- 7608113- [Demineralized bone implants](#)
- 7595342- [Water-soluble strontium salts for use in treatment of cartilage and/or bone conditions](#)
- 7597883- [Methods for promoting growth of bone, ligament, and cartilage](#)
- 7598219- [Implants comprising an osteoinductive factor and a contrast agent compatible therewith](#)
- 7598289- [Ketones and reduced ketones as therapeutic agents for the treatment of bone conditions](#)
- 7601172- [Mechanical apparatus and method for artificial disc replacement](#)
- 7601501- [Controlling osteogenesis by inhibition of osteogenic suppressors](#)
- 7603158- [Current density impedance imaging \(CDII\)](#)
- 7605159- [Cathepsin cysteine protease inhibitors and their use](#)
- 7605239- [Skeletal-targeted radiation to treat bone-associated pathologies](#)
- 7608097- [Bone screw with fluid delivery structure](#)
- 7618461- [Composite intervertebral disc implants and methods for forming the same](#)

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