

Fracture Healing

[View the current Fracture Healing InDepth page on BioPortfolio.com](#) (PDF)

(http://www.bioportfolio.com/indepth/Fracture_Healing.html) - Regularly Updated.

Recent Publications on Fracture Healing:



- [\[Bone loss treatment, pseudoarthrosis, arthrodesis and benign tumors using xenoinplant: clinical study.\]](#)
Background: Bone loss as a result of arthrodesis, pseudarthrosis, benign... 19th November, 2009
Servicio de Ortopedia, Hospital Regional "General Ignacio Zaragoza",- Cir Cir. 2009
July-August;77(4):287-291.
- [Recombinant human bone morphogenetic protein-7 enhances fracture healing in an ischemic environment.](#)
Ischemia predisposes orthopedic trauma patients to delayed fracture... 18th November, 2009
Department of Orthopaedic Surgery, San Francisco General Hospital,- J Orthop Res. 2009 Nov 13. ([DOI Direct Link](#))
- [A comparison of the effects of ibuprofen and rofecoxib on rabbit fibula osteotomy healing.](#)
BACKGROUND AND PURPOSE: Non-steroidal anti-inflammatory drugs (NSAIDs)... 18th November, 2009
Department of Biochemistry, University of Medicine and Dentistry of New- Acta Orthop. 2009
Oct;80(5):597-605.
- [Immunolocalization of BMPs, BMP antagonists, receptors and effectors during fracture repair.](#)
Bone morphogenetic proteins (BMPs) are potent bone inducers used... 17th November, 2009
Department of Orthopaedic Surgery, University of California at San- Bone. 2009 Nov 11. ([DOI Direct Link](#))
- [Fractures of the sustentaculum tali: injury characteristics and surgical technique for reduction.](#)
BACKGROUND: The sustentaculum tali of the calcaneus is a vital... 17th November, 2009
University of Missouri-Columbia, Orthopaedic Surgery, 213 McHaney Hall,- Foot Ankle Int. 2009
Nov;30(11):1037-41. ([DOI Direct Link](#))
- [Local Soft Tissue Compression Enhances Fracture Healing in a Rabbit Fibula.](#)
Local soft tissue compression of fractures enhances fracture healing. The... 17th November, 2009
The Hospital for Special Surgery, 535 East 70th Street, New York, NY,- HSS J. 2009 Nov 13. ([DOI Direct Link](#))
- [Changes of substance P during fracture healing in ovariectomized mice.](#)
Neuropeptides may play an important role in the healing process of... 12th November, 2009
Department of Orthopaedic Surgery, Xinhua Hospital, Shanghai Jiaotong- Regul Pept. 2009 Nov 10. ([DOI Direct Link](#))
- [\[Influence of operative time on effect of the Pilon fracture\]](#)
OBJECTIVE: To evaluate the influence of operative time on treating... 12th November, 2009

Department of Sports Medicine, Shanghai Sports College, Shanghai 200438,- Zhongguo Gu Shang. 2009 Oct;22(10):770-2.

- [The outcome of closed, intramedullary exchange nailing with reamed insertion in the treatment of femoral shaft nonunions.](#)
*OBJECTIVE: To determine the effectiveness of closed, intramedullary...*10th November, 2009
Orthopaedic Trauma Service, Hadassah Hebrew University Hospital, Jerusalem- J Orthop Trauma. 2009 Oct;23(9):653-7. ([DOI Direct Link](#))
- [Comparison of knee function after antegrade and retrograde intramedullary nailing for diaphyseal femoral fractures: results of isokinetic evaluation.](#)
*OBJECTIVE: To evaluate knee function in patients having femoral diaphyseal...*10th November, 2009
4th Clinic of Department of Orthopaedics and Traumatology, Ankara Numune- J Orthop Trauma. 2009 Oct;23(9):640-4. ([DOI Direct Link](#))
- [Osteoinduction of HA/beta-TCP bioceramics in fibula-fractured mice.](#)
*Many studies have shown that calcium phosphate ceramics can induce bone...*10th November, 2009
Key Laboratory of Transplant Engineering and Immunology, Ministry of- Acta Biomater. 2009 Nov 4. ([DOI Direct Link](#))
- [Expression of PPARgamma and Cbfa1 mRNA in bone marrow cells in Type 2 diabetic rats and its correlation with impaired fracture healing.](#)
*Objective To investigate the relationship between impaired fracture...*7th November, 2009
First Department of Orthopaedics, Central Hospital of Changsha, Changsha- Zhong Nan Da Xue Xue Bao Yi Xue Ban. 2009 Oct;34(10):957-64.
- [\[Drug-induced osteopathies : Drugs, pathogenesis, forms, diagnosis, prevention and therapy.\]](#)
*A number of drugs can have "side effects" on bone metabolism and...*6th November, 2009
Bayerisches Osteoporosezentrum, Medizinische Klinik und Poliklinik III,- Orthopade. 2009 Nov 5. ([DOI Direct Link](#))
- [Pharmacological inhibition of 5-lipoxygenase accelerates and enhances fracture-healing.](#)
*BACKGROUND: Loss of cyclooxygenase-2 activity is known to impair...*4th November, 2009
Department of Biochemistry and Molecular Biology, University of Medicine- J Bone Joint Surg Am. 2009 Nov;91(11):2653-65. ([DOI Direct Link](#))
- [Short versus long thread cannulated cancellous screws for intracapsular hip fractures: A randomised trial of 432 patients.](#)
*It is unclear which length of thread may be most advantageous for the...*4th November, 2009
Orthopaedic Department, Peterborough and Stamford Hospital NHS Foundation- Injury. 2009 Oct 31. ([DOI Direct Link](#))

BioNews Results for Fracture Healing

- [Medical News: Invitation To Attend The World Congress On Osteoporosis 2010 \(IOF WCO - ECCEO10\)](#)
Medical News Today: Oct 28 2009 3:16PM Matching: fracture healing
- [Invitation To Attend The World Congress On Osteoporosis 2010 \(IOF WCO - ECCEO10\)](#)
Medical News Today: Oct 28 2009 12:28PM Matching: fracture healing
- [Invitation To Attend The World Congress On Osteoporosis 2010 \(IOF WCO - ECCEO10\)](#)
Medical News Today: Oct 28 2009 12:28PM Matching: fracture healing
- [Invitation to attend the World Congress on Osteoporosis 2010 \(IOF WCO - ECCEO10\)](#)
Genetic Engineering News: Oct 27 2009 4:20PM Matching: fracture healing



Fracture Healing Patents:

- 7465546- [Regulation of transforming growth factor-beta \(TGF-.beta.\) gene expression in living cells via the application of specific and selective electric and electromagnetic fields](#)
- 7516784- [In-situ method of coal gasification](#)
- 7521239- [Photochemical internalization for virus-mediated molecule delivery into the cytosol](#)
- 7531518- [Method for fostering bone formation and preservation](#)
- 7531527- [2-Propylidene-19-nor-vitamin D compounds](#)
- 7534777- [Des-C,D analogs of 1.alpha.,25-dihydroxy-19-norvitamin D.sub.3](#)
- 7534778- [\(20S\)-1.alpha.-hydroxy-2-methylene-19-nor-bishomopregnacalciferol and its uses](#)
- 7541184- [Activation and expansion of cells](#)
- 7550464- [Condensed polycyclic compounds](#)
- 7550475- [Condensed polycyclic compounds](#)
- 7550476- [Condensed polycyclic compounds](#)
- 7514473- [Calcilytic compounds](#)
- 7514095- [Fabrication of drug loaded biodegradable polymer fibers](#)
- 7513906- [Phototherapy apparatus and method for bone healing, bone growth stimulation, and bone cartilage regeneration](#)
- 7465566- [Regulation of genes via application of specific and selective electrical and electromagnetic signals](#)
- 7465706- [GDF3 propeptides and related methods](#)
- 7468264- [Method and device for treating osteoarthritis, cartilage disease, defects and injuries in the human knee](#)
- 7468361- [2-ethyl and 2-ethylidene-19-nor-vitamin D compounds](#)
- 7468449- [Phenyl-furan compounds as vitamin D receptor modulators](#)
- 7470772- [Antibody that specifically binds to Chemerin receptor ligand precursor](#)
- 7476676- [Methods for increasing bone formation using inhibitors of glycogen synthase kinase-3.beta.](#)
- 7479279- [Use of cytokines of the TGF-.beta. superfamily for the treatment, inhibition and/or diagnosis of skin related disorders](#)
- 7488744- [Indole-type derivatives as inhibitors of p38 kinase](#)
- 7491728- [Pyrimidinone compounds as calcilytics](#)
- 7550584- [Methods of purifying beta glucans](#)
- 7553858- [Combination of flupirtine and tramadol](#)
- 7582775- [Vitamin D receptor modulators](#)
- 7588758- [COX-2 function and wound healing](#)
- 7592429- [Sclerostin-binding antibody](#)
- 7595342- [Water-soluble strontium salts for use in treatment of cartilage and/or bone conditions](#)
- 7595345- [Vitamin D receptor modulators](#)
- 7598898- [Method for using logging device with down-hole transceiver for operation in extreme temperatures](#)
- 7601850- [Phenyl-thiophene type vitamin D receptor modulators](#)
- 7604657- [Bone fixation plate with complex suture anchor locations](#)
- 7608580- [Injectable carrier formulations of hyaluronic acid derivatives for delivery of osteogenic proteins](#)
- 7612041- [Isolated activin-binding ActRIIa polypeptide comprising the SEQ ID NO: 7 and uses for promoting bone growth](#)
- 7582734- [Functional antibodies that specifically bind to the Chemerin receptor](#)

- 7582316- [Ketone-steroid extracts from the Cissus Quadrangularis plant and methods thereof](#)
- 7579488- [Vitamin D receptor modulators](#)
- 7563263- [Intramedullary fixation device for metaphyseal long bone fractures](#)
- 7563769- [FGF variants and methods for use thereof](#)
- 7566803- [Vitamin D receptor modulators](#)
- 7567843- [System method and apparatus for localized heating of tissue](#)
- 7569364- [Anti-NGF antibodies and methods using same](#)
- 7572631- [Activation and expansion of T cells](#)
- 7572766- [IFBMs to promote the specific attachment of target analytes to the surface of orthopedic implants](#)
- 7572768- [Methods for identifying compounds for regulating muscle mass or function using corticotropin releasing factor receptors](#)
- 7572899- [Compositions and methods for increasing bone mineralization](#)
- 7576093- [Method of treatment of bone-related disorders or conditions](#)
- 7612059- [Pyrrolidine bicyclic compounds and its derivatives, compositions and methods of use](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

