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Original Articles
Activation of mTORC1 in B Lymphocytes Promotes Osteoclast Formation via Regulation of β-Catenin and RANKL/OPG
S Xu, Y Zhang, B Liu, K Li, B Huang, B Yan, Z Zhang, K Liang, C Jia, J Lin, C Zeng, D Cai, D Jin, Y Jiang, and X Bai

Autophagy and 3-Phosphoinositide-Dependent Kinase 1 (PDK1)-Related Kinome in Pagetic Osteoclasts
S McManus, M Bisson, R Chamberland, M Roy, S Nazari, and S Roux

Circadian Clock Regulates Bone Resorption in Mice
C Xu, H Ochi, T Fukuda, S Sato, S Sunamura, T Takarada, E Hinoi, A Okawa, and S Takeda

Osteocyte Apoptosis Caused by Hindlimb Unloading is Required to Trigger Osteocyte RANKL Production and Subsequent Resorption of Cortical and Trabecular Bone in Mice Femurs
P Cabahug-Zuckerman, D Frikha-Benayed, RJ Majeska, A Tuthill, S Yakar, S Judex, and MB Schaffler

Overexpression of BCLXL in Osteoblasts Inhibits Osteoblast Apoptosis and Increases Bone Volume and Strength
T Moriishi, R Fukuyama, T Miyazaki, T Furuichi, M Ito, and T Komori

CCL20/CCR6 Signaling Regulates Bone Mass Accrual in Mice
M Doucet, S Jayaraman, E Swenson, B Tusing, KL Weber, and SL Kominsky

Cbfb2 Isoform Dominates More Potent Cbfb1 and Is Required for Skeletal Development
Q Jiang, X Qin, T Kawane, H Komori, Y Matsuo, I Taniuchi, K Ito, S-i Izumi, and T Komori

Pharmacodynamic Actions of a Long-Acting PTH Analog (LA-PTH) in Thyroparathyroidectomized (TPTX) Rats and Normal Monkeys

Heterozygous PTCH1 Mutations Impact the Bone Metabolism in Patients With Nevoid Basal Cell Carcinoma Syndrome Likely by Regulating SPARC Expression
Y Hong, J Zhang, H Zhang, X Li, J Qu, J Zhai, L Zhang, F Chen, and T Li

Clinical Trial
A Longitudinal Study of Skeletal Histomorphometry at 6 and 24 Months Across Four Bone Envelopes in Postmenopausal Women With Osteoporosis Receiving Teriparatide or Zoledronic Acid in the SHOTZ Trial
DW Dempster, H Zhou, RR Recker, JP Brown, MA Bolognese, CP Recknor, DL Kendler, EM Lewiecki, DA Hanley, SD Rao, PD Miller, GC Woodson III, R Lindsay, N Binkley, J Alam, VA Ruff, ER Gallagher, and KA Taylor

Original Article
Concurrent Hypoparathyroidism Is Associated With Impaired Physical Function and Quality of Life in Hypothyroidism
T Sikjaer, E Moser, L Rolighed, L Underbjerg, LS Bislev, L Mostekilde, and L Reijnmark

(Continued)
CLINICAL VIGNETTE

Recurrent Proximal Femur Fractures in a Teenager With Osteogenesis Imperfecta on Continuous Bisphosphonate Therapy: Are We Overtreating?

RF Vasanwala, A Sanghrajka, NJ Bishop, and W Höglér

ORIGINAL ARTICLES

The Relationship Between Greater Prepubertal Adiposity, Subsequent Age of Maturation, and Bone Strength During Adolescence

NA Glass, JC Torner, EM Letuchy, TL Burns, KF Janz, JME Gilmore, JA Schlech, and SM Levy

Increase in Fracture Risk Following Unintentional Weight Loss in Postmenopausal Women: The Global Longitudinal Study of Osteoporosis in Women


Persistent Effect of Vitamin D Supplementation on Musculoskeletal Parameters in Adolescents One Year After Trial Completion

N Ghazal, L Al-Shaar, J Maalouf, M Nabulsi, A Arabi, M Choucair, H Tamim, Z Mahfoud, and G El-Hajj Fuleihan

ERRATA

Small Players Ruling the Hard Game: siRNA in Bone Regeneration

S Ghadakzadeh, M Mekhail, A Aoude, M Tabrizian, and RC Hamdy

Sclerostin Antibody Preserves the Morphology and Structure of Osteocytes and Blocks the Severe Skeletal Deterioration After Motor-Complete Spinal Cord Injury in Rats

W Qin, X Li, Y Peng, LM Harlow, Y Ren, Y Wu, J Li, Y Qin, J Sun, S Zheng, T Brown, JQ Feng, HZ Ke, WA Bauman, and CP Cardozo

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