

Curriculum Vitae

Bom Taeck Kim

Position Associate professor

Address Department of family practice and community health
Ajou University School of Medicine,
164, World Cup-ro, Yeongtong-gu Suwon, Korea
post code 443-721

Education 1992 – graduated Yonsei college of Medicine
1999–2002 Visiting Fellowship Austin & Repatriation Medical Centre
(Current : Austin Health) Melbourne Australia

Publications

1. Duan YB, Turner CH, Kim BT, Seeman E; Sexual Dimorphism in Vertebral Fragility Is More the Result of Gender Differences in Age-related Bone Gain than Bone loss, 2001; J Bone Miner Res 16(12) 2267–2275
2. Kim BT, Mosekilde L, Zhang X Z, Tornvig L, Thomsen JS, Seeman E The Structural and Hormonal Basis of Sex Differences in Peak Appendicular Bone strength in Rats 2003; J Bone Miner Res 18(1)150–155
3. Wang XF, Duan Y, Henry M, Kim BT, Seeman E. Body segment lengths and arm span in healthy men and women and patients with vertebral fractures. Osteoporos Int. 2004 Jan; 15(1): 43–8.
4. Choi JB, Kim YB, Kim BT, Kim YS Analysis of heart rate variability in female patients with overreactive bladder. Urology 2005; 65(6):1109–12
5. Myoung CS, Kim BT, Choi SH, Song GY, Lee SY, Jahng JW. Role of neuropeptide Y and proopiomelanocortin in fluoxetine-induced anorexia. Arch Pharm Res. 2005; 28(6): 716–21.
6. Lee JH, Kim HJ, Kim JG, Ryu V, Kim BT, Kang DW, Jahng JW. Depressive behaviors and decreased expression of serotonin reuptake transporter in rats that experienced neonatal maternal separation. Neurosci Res. 2007 May;58(1):32–9
7. Jahng JW, Kim JG, Kim HJ, Kim BT, Kang DW, Lee JH. Chronic food restriction in young rats results in depression- and anxiety-like behaviors with decreased expression of serotonin reuptake transporter. Brain Res. 2007 May 30;1150:100–7.
8. Joo NS, Kim BT, Park SB, Kong MH, Lee TY, Kim KM. Different waist circumferences, different metabolic risks in Koreans. J Am Board Fam Med. 2007 May–Jun;20(3):258–65.
9. Joo NS, Kim BT. Mobile phone short message service messaging for behaviour modification in a community-based weight control programme in Korea. J Telemed Telecare. 2007;13(8):416–20
10. Jahng JW, Kim NY, Ryu V, Yoo SB, Kim BT, Kang DW, Lee JH. Dexamethasone reduces food

- intake, weight gain and the hypothalamic 5-HT concentration and increases plasma leptin in rats. *Eur J Pharmacol.* 2008 Feb 26;581(1-2):64-70
11. Jung SH, Park HS, Kim KS, Choi WH, Ahn CW, Kim BT, Kim SM, Lee SY, Ahn SM, Kim YK, Kim HJ, Kim DJ, Lee KW. Effect of weight loss on some serum cytokines in human obesity: increase in IL-10 after weight loss. *J Nutr Biochem.* 2008 Jun;19(6):371-5.
 12. Yoo HJ, Kim BT, Park YW, Park KH, Kim CW, Joo NS. Difference of body compositional changes according to the presence of weight cycling in a community-based weight control program. *J Korean Med Sci.* 2010 Jan;25(1):49-53.
 13. Joo NS, Lee DJ, Kim KM, Kim BT, Kim CW, Kim KN, Kim SM. Ketonuria after fasting may be related to the metabolic superiority. *J Korean Med Sci.* 2010 Dec;25(12):1771-6.
 14. Kim SM, Kim KM, Kim BT, Joo NS, Kim KN, Lee DJ. Correlation of undercarboxylated osteocalcin (ucOC) concentration and bone density with age in healthy Korean women. *J Korean Med Sci.* 2010;25(8):1171-5.
 15. Kim CJ, Kim BT, Chae SM. Application of the transtheoretical model: exercise behavior in Korean adults with metabolic syndrome. *J Cardiovasc Nurs.* 2010;25(4):323-31.
 16. Jang S, Park C, Jang S, Yoon HK, Shin CS, Kim DY, Ha YC, Lee SS, Choi HJ, Lee YK, Kim BT, Choi JY. Medical Service Utilization with Osteoporosis. *Endocrinol Metab.* 2010 Dec;25(4):326-339.
 17. Park C, Jang S, Jang S, Ha YC, Lee YK, Yoon HK, Shin CS, Kim DY, Lee SS, Choi HJ, Kim BT, Choi JY. Identification and Validation of Osteoporotic Hip Fracture Using the National Health Insurance Database. *J Korean Hip Soc.* 2010 Dec;22(4):305-311.
 18. Kim KN, Joo NS, Je SY, Kim KM, Kim BT, Park SB, Cho DY, Park RW, Lee DJ. Carcinoembryonic Antigen Level Can be Overestimated in Metabolic Syndrome. *J Korean Med Sci.* 2011;26(6):759-64. Epub 2011 May 18.
 19. Lee DJ, Kim KM, Kim BT, Kim KN, Joo NS. ApoE polymorphism may determine low-density lipoprotein cholesterol level in association with obesity and metabolic syndrome in postmenopausal Korean women. *Yonsei Med J.* 2011;52(3):429-34.
 20. Joo NS, Park YW, Park KH, Kim CW, Kim BT. Application of Protein-Rich Oriental Diet in a community-based obesity control program. *Yonsei Med J.* 2011;52(2):249-56.
 21. Joo NS, Kim SM, Kim KM, Kim CW, Kim BT, Lee DJ. Changes of body weight and inflammatory

markers after 12-week intervention trial: results of a double-blind, placebo-control pilot study. *Yonsei Med J.* 2011 Mar 1;52(2):242-8.

22. Kim CW, Kim BT, Park KH, Kim KM, Lee DJ, Yang SW, Joo NS. Effects of short-term chromium supplementation on insulin sensitivity and body composition in overweight children: randomized, double-blind, placebo-controlled study. *J Nutr Biochem.* 2011; 22(11):1030-4

23. Yoo SB, Ryu V, Park EY, Kim BT, Kang DW, Lee JH, Jahng JW. The arcuate NPY, POMC, and CART expressions responding to food deprivation are exaggerated in young female rats that experienced neonatal maternal separation. *Neuropeptides.* 2011 ;45(5):343-9

24. Je SH, Joo NS, Choi BH, Kim KM, Kim BT, Park SB, Cho DY, Kim KN, Lee DJ. Vitamin K supplement along with vitamin D and calcium reduced serum concentration of undercarboxylated osteocalcin while increasing bone mineral density in Korean postmenopausal women over sixty-years-old. *J Korean Med Sci.* 2011;26(8):1093-8

25 Kim YS, Kim KM, Lee DJ, Kim BT, Park SB, Cho DY, Suh CH, Kim HA, Park RW, Joo NS. Women with fibromyalgia have lower levels of calcium, magnesium, iron and manganese in hair mineral analysis. *J Korean Med Sci.* 2011 ;26(10):1253-7

26. Kim KN, Kim BT, Kim KM, Park SB, Joo NS, Je SH, Kim YS, Lee DJ. The influence of exogenous fat and water on lumbar spine bone mineral density in healthy volunteers. *Yonsei Med J.* 2012 ;53(2):289-93

27. Kim KM, Kim BT, Park SB, Cho DY, Je SH, Kim KN. Serum total bilirubin concentration is inversely correlated with Framingham risk score in Koreans. *Arch Med Res.* 2012 ;43(4):288-93

28. Noh SJ, Kang DW, Yoo SB, Lee JY, Kim JY, Kim BT, Lee JH, Jahng JW. Stress-responsive hypothalamic-nucleus accumbens regulation may vary depending on stressors. *Indian J Exp Biol.* 2012;50(7):447-54.

29. Jahng JW, Yoo SB, Kim JY, Kim BT, Lee JH. Increased mesohippocampal dopaminergic activity and improved depression-like behaviors in maternally separated rats following repeated fasting/refeeding cycles. *J Obes.* 2012;2012:497101. doi: 10.1155/2012/497101. Epub 2012 Aug 13.

30. Yoo SB, Kim BT, Kim JY, Ryu V, Kang DW, Lee JH, Jahng JW. escence fluoxetine increases

serotonergic activity in the raphe-hippocampus axis and improves depression-like behaviors in female rats that experienced neonatal maternal separation. *Psychoneuroendocrinology*. 2013 ;38(6):777-88.

31. Yoo SB, Lee S, Lee JY, Kim BT, Lee JH, Jahng JW. cAMP/PKA Agonist Restores the Fasting-Induced Down-Regulation of nNOS Expression in the Paraventricular Nucleus. *Korean J Physiol Pharmacol*. 2012 ;16(5):333-7

32. Kim KM, Kim BT, Lee DJ, Park SB, Joo NS, Kim KN. Serum gamma-glutamyltransferase as a risk factor for general cardiovascular disease prediction in Koreans. *J Investig Med*. 2012;60(8):1199-203

33. Hong D, Kim YS, Son ES, Kim KN, Kim BT, Lee DJ, Kim KM. Total testosterone and sex hormone-binding globulin are associated with metabolic syndrome independent of age and body mass index in Korean men. *Maturitas*. 2013 ;74(2):148-53.

34. Park SJ, Lee SH, Cho DY, Kim KM, Lee DJ, Kim BT. Hair calcium concentration is associated with calcium intake and bone mineral density. *Int J Vitam Nutr Res*. 2013;83(3):154-61

Lee SH, Park SJ, Kim KN, Cho DY, Kim YS, Kim BT. Coronary Calcification Is Reversely Related with Bone and Hair Calcium: The Relationship among Different Calcium Pools in Body. *J Bone Metab*. 2016;23(4):191-19

Major appointments

Member of Advisory committee for National health screening program of Korea (osteoporosis part 2008-2010)

Member of Advisory committee for National health screening program of Korea (osteoporosis part 2008-2009)

Member of Advisory committee for osteoporosis CME, Korean osteoporosis society (2010-2014)

Deputy secretary general, Korean osteoporosis society (2010-2014)

Deputy secretary general, organizing committee for the 3rd Scientific meeting of the Asian Federation of Osteoporosis Societies (AFOS) Seoul 2013 (2011-2013)

Member of Advisory board for the U-Cenr for Chronic disease Control Whasung city (2007 - current)

Member of Advisory board for the Center for telemedicine, KangWondo (2010 - current)