

Curriculum Vitae

박용주 (Clara Yongjoo Park)

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Division of Food and Nutrition, Chonnam National University

● **Education**

- Aug. 2006–Dec. 2011 Doctor of Philosophy, Dept of Nutrition Science, Purdue University, West Lafayette, IN
- Mar. 2001–Feb. 2006 Bachelor of Science, Dept of Food and Nutrition, Seoul National University, Seoul, Korea

● **Professional Career**

- Sep. 2016/2020–Present Assistant/Associate Professor, Division of Food and Nutrition, Chonnam National University, Gwangju, Korea
- Dec. 2013–Aug 2016 Postdoctoral fellow, Dept of Biochemistry & Cell Biology, Kyungpook National University School of Medicine, Daegu Korea
- May 2012–Apr. 2013 Postdoctoral fellow, Dept of Nutrition Science, Purdue University, West Lafayette IN

● **Research Area**

My lab is interested in the effect of nutrient intake on bone and joint health at various life stages. Animal experiments and clinical trials are conducted to investigate the mechanism and effect of nutrition on skeletal health. Nutritional epidemiology focusing on nutrient status and disease are also performed using NHANES and KNHANES. Specific research focuses include:

- Nutrient intake and bone health in pregnant women and their offspring
- Interactions between dietary intake and gut microbiome and bone metabolism
- Nutrient status and joint health

● **Honors & Awards**

2021 Academic Award, The Korean Society of Clinical Nutrition

● **Main Publications**

1. Park CY. Vitamin D in the Prevention and Treatment of Osteoarthritis: From Clinical Interventions to Cellular Evidence. *Nutrients*. 2019;11(2).
2. Park CY, Kwak S-Y, Jo G, Shin M-J. Genetic association between serum 25-hydroxyvitamin D levels and lung function in Korean men and women: Data from KNHANES 2001–2012 *Nutrients*. 2018;10(10):1362
3. Park CY and Eicher-Miller HA. Iron deficiency is associated with food insecurity in pregnant females in the United States: NHANES 1999–2010. *J Acad Nutr Diet*, 2014; 114(12): 1967–1973
4. Park CY, Lee WH, Fleet JC, Allen MR, McCabe GP, Walsh DM, Weaver CM. Calcium and vitamin D intake maintained from pre-ovariectomy independently affect calcium metabolism and bone properties in Sprague Dawley rats. *Osteoporosis Int*, 2014; 25:1905–1915
5. Park CY, Hill KM, Elble AE et al. Daily Supplementation with 25 μ g Cholecalciferol Does Not Increase Calcium Absorption or Skeletal Retention in Adolescent Girls with Low Serum 25-Hydroxyvitamin D. *J. Nutri*. 2010; 140: 2139–2144