Curriculum Vitae

Personal Data

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Education

Sep. 1997 – Feb. 2005 Ph.D. Dept. of Food and Nutrition, Yonsei University, Seoul, Korea (Major: Clinical Nutrition)
Sep. 1994 - Aug. 1996 M.S., Dept. of Food and Nutrition, Yonsei University, Seoul, Korea (Major: Clinical Nutrition)
Mar. 1991 - Aug. 1994 B.S., Dept. of Food and Nutrition, Yonsei University, Seoul, Korea

Professional Experiences

Mar. 2009- present Assistant professor, Department of Food and Nutrition, Korea University, Seoul, Korea
Mar. 2008- Feb. 2009 Assistant professor, Department of Food and Nutrition, Yeungnam University, Daegu, Korea
Sep. 2007- Feb. 2008 Research professor, Cardiovascular Research Institute, Yonsei University College of Medicine, Seoul, Korea
Oct. 2005- Jan. 2007 Postdoctoral fellow, Children's Hospital Oakland Research Institute, Oakland, CA, USA
Sep. 1996 – Aug.2007 Researcher, Cardiovascular Research Institute, Yonsei University College of Medicine, Seoul, Korea
Sep. 1996 –Aug. 2007 Research dietitian, Cardiovascular Hospital, Yonsei University College of Medicine, Seoul, Korea

Research topics

1. Identification of metabolic and genetic factors influencing atherogenic lipoprotein phenotype
   1) The effects of low fat, high carbohydrate diet on apolipoprotein CIII and Lipoprotein (a)
   2) Association between PPARalpha gene polymorphism and plasma apoCIII and TG
   3) Association of AGTR1 gene polymorphism with atherogenic dyslipidemia

2. Lipid metabolism/ Apolipoprotein metabolism in atherosclerosis
   1) Characterization of physical interactions of apolipoproteins and the most atherogenic LDL subspecies in human plasma
   2) Importance of the apolipoprotein CIII content in small dense LDL linking atherosclerosis

3. Lifestyle modification as a first step for primary/secondary prevention of CHD

4. Metabolic Syndrome and adipokines

5. Nutrigenetics and gene-diet interaction
   1) Interactions between lifestyle related factors and gene polymorphisms affecting plasma lipid profile
   2) Adiponectin gene polymorphism effects on plasma adiponectin and inflammatory markers after weight loss