

## Curriculum Vitae

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### **Sung-Eun Kim, Ph.D., R.D.**

#### **EDUCATION**

- Sept 2006-June 2013      **Ph.D.** in Nutritional Sciences, Department of Nutritional Sciences, Faculty of Medicine, University of Toronto, Toronto, ON, Canada
- Mar 1996-Feb 1998      **M.S.** in Food and Nutrition, Department of Food and Nutrition, Sookmyung Women's University, Seoul, Republic of Korea
- Mar 1992-Feb 1996      **B.S.** in Food and Nutrition, Department of Food and Nutrition, Sookmyung Women's University, Seoul, Republic of Korea

#### **PROFESSIONAL EXPERIENCES**

- Jan 2016 – Present      **Research Professor**, Research Institute of Women's Health, Sookmyung Women's University, Seoul, Republic of Korea
- April 2014 – Dec 2015      **Senior Researcher**, Research Institute of Women's Health, Sookmyung Women's University, Seoul, Republic of Korea
- Feb 2014- March 2014      **Research Postdoctoral Fellow** (Dr. Rosanna Weksberg) SickKids Research Institute Program of Genetics and Genome Biology, Hospital for Sick Children, Toronto, ON, Canada
- July 2013-Jan 2014      **Postdoctoral Fellow** (Dr. Young-In J. Kim), Department of Nutritional Sciences, University of Toronto, Toronto, ON, Canada

#### **RECENT PUBLICATIONS**

##### ○ **Refereed Publications**

- Ly A, Ishiguro L, Kim D, Im D, **Kim SE**, Sohn KJ, Croxford R, Kim YI, Maternal folic acid supplementation modulates DNA methylation and gene expression in the rat offspring in a gestation period-dependent and organ-specific manner, *The Journal of Nutritional Biochemistry* 2016 (*in press*, doi: 10.1016/j.jnutbio.2016.03.018).

Cho SS, Kim Y, Yoon J, Seo M, Shin SK, Kwon EY, **Kim SE**, Bae YJ, Lee S, Sung MK, Choi MS, Park T, A Model-Based Joint Identification of Differentially Expressed Genes and Phenotype-Associated Genes, PLoS ONE 2016;11(3): e0149086.

**Kim SE\***, Hinoue T, Kim MS, Sohn KJ, Cho RC, Weisenberger DJ, Laird PW, Kim YI, Effect of folylpolyglutamyl synthase modulation on DNA methylation in colon and breast cancer cells, The Journal of Nutritional Biochemistry 2016;29:27-35 (\*corresponding author).

**Kim SE**, Paik HY, Yoon H, Lee JE, Kim N, Sung MK, Sex- and gender-specific disparities in colorectal cancer risk, World Journal of Gastroenterology 2015;21(17):5167-5175.

**Kim SE\***, Hinoue T, Kim MS, Sohn KJ, Cho RC, Cole PD, Weisenberger DJ, Laird PW, Kim YI,  $\gamma$ -Glutamyl hydrolase modulation significantly influences global and gene-specific DNA methylation and gene expression in human colon and breast cancer cells, Genes and Nutrition 2015;10(1):444 (\*corresponding author).

**Kim SE**, Cole PD, Cho RC, Ly A, Ishiguro L, Sohn KJ, Croxford R, Kamen BA, Kim YI,  $\gamma$ -Glutamyl hydrolase modulation and folate influence chemosensitivity of cancer cells to 5-fluorouracil and methotrexate, British Journal of Cancer 2013;109: 2175-2188.

○ **Invited Book Chapter**

**Kim SE**, Masih S, Kim YI, Folate, DNA methylation and Colorectal cancer In: Ho E & Domann F, co-editors. Nutrition and Epigenetics (2014), Taylor & Francis Group, CRC Press. ISBN 9781482203813

## **MEMBERSHIPS**

2012-Present                      **Member**, American Society for Nutrition  
2010-Present                      **Member**, Korean Nutrition Society