

Curriculum Vitae

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Yeon-Mi Ryu, Ph.D.

Education and Training

- 2010-2013 **Ph.D.** in Medical Science
Ulsan University, Seoul, Korea
- 2004-2006 **M.S.** in Biochemistry and Molecular Biology
Korea University, Seoul, Korea
- 2000-2004 **B.S.** in Food and nutrition
Anyang University, Anyang, Korea

Professional Experiences

- 2013-present **Researcher**
Department of Optical Imaging Core
Institute for Life Sciences
Asan Medical Center, Seoul, Korea
- 2007-2013 **Researcher**
Department of Gastroenterology
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Asan Medical Center, Seoul, Korea

Publications

Park Y, **Ryu YM**, Jung Y, Wang T, Baek Y, Yoon Y, Bae SM, Park J, Hwang S, Kim J, Do EJ, Kim SY, Chung E, Kim KH, Kim S, Myung SJ. Spraying Quantum Dot Conjugates in the Colon of Live Animals Enabled Rapid and Multiplex Cancer Diagnosis Using Endoscopy. *ACS Nano*. 2014 Sep.

Oh G, Yoo SW, Jung Y, **Ryu YM**, Park Y, Kim SY, Kim KH, Kim S, Myung SJ, Chung E. Intravital imaging of mouse colonic adenoma using MMP-based molecular probes with multi-channel fluorescence endoscopy. *Biomed Opt Express*. 2014 Apr.

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mucosa as a potential biomarker for predicting colorectal neoplasms. *J Korean Med Sci.* 2013 Aug.

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Song HJ, Myung SJ, Kim IW, Jeong JY, Park YS, Lee SM, Nam WH, **Ryu YM**, Fink SP, Yang DH, Jung HY, Kim JH. 15-hydroxyprostaglandin dehydrogenase is downregulated and exhibits tumor suppressor activity in gastric cancer. *Cancer Invest.* 2011 May.

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Pie JE, Park JH, Park YH, **Ryu YM**, Kim KN, Suh SW, Becker KG, Cho-Chung YS, Kim MK. Effect of genistein on the expression of bone metabolism genes in ovariectomized mice using a cDNA microarray. *J Nutr Biochem.* 2006 Mar.

Kim MK, Oh S, Lee JH, Im H, **Ryu YM**, Oh E, Lee J, Lee E, Sul D. Evaluation of biological monitoring markers using genomic and proteomic analysis for automobile emission inspectors and waste incinerating workers exposed to polycyclic aromatic hydrocarbons or 2,3,7,8,-tetracholrodedibenzo-p-dioxins. *Exp Mol Med.* 2004 Oct.