

**Jiyun Ahn**

## Curriculum Vitae

Principal Researcher, Professor  
Korea Food Research Institute, University of Science and Technology



### ● Educational Background & Professional Experience

2015-	KFRI, Principal Researcher
2008-	UST, Professor
2007-2015	KFRI, Senior Researcher
2001-2007	KFRI, Researcher

### ● Research Interests

The role of mitochondria in muscle aging  
Efficacy of food for the improvement of muscle aging and its mechanism of action  
The regulation of aging-related metabolic disorders

### ● Publications

1. Lee H, Ha TY, Jung CH, Nirmala FS, Park SY, Huh YH, Ahn J. Mitochondrial dysfunction in skeletal muscle contributes to the development of acute insulin resistance in mice. *J Cachexia Sarcopenia Muscle*. 2021 Dec;12(6):1925-1939. doi:10.1002/jcsm.12794.
2. Ahn J, Lee H, Jung CH, Ha SY, Seo HD, Kim YI, Ha T. 6-Gingerol Ameliorates Hepatic Steatosis via HNF4 $\alpha$ /miR-467b-3p/GPAT1 Cascade. *Cell Mol Gastroenterol Hepatol*. 2021;12(4):1201-1213. doi:10.1016/j.jcmgh.2021.06.007.
3. Lee H, Kim YI, Nirmala FS, Kim JS, Seo HD, Ha TY, Jang YJ, Jung CH, Ahn J. MiR-141-3p promotes mitochondrial dysfunction in ovariectomy-induced sarcopenia via targeting Fkbp5 and Fibin. *Aging (Albany NY)*. 2021 Feb 3;13(4):4881-4894. doi: 10.18632/aging.202617.
4. Lee H, Kim YI, Nirmala FS, Jeong HY, Seo HD, Ha TY, Jung CH, Ahn J. Chrysanthemum zawadskil Herbich attenuates dexamethasone-induced muscle atrophy through the regulation of proteostasis and mitochondrial function. *Biomed Pharmacother*. 2021 Apr;136:111226. doi: 10.1016/j.biopha.2021.111226.
5. Kim NH, Ahn J, Choi YM, Son HJ, Choi WH, Cho HJ, Yu JH, Seo JA, Jang YJ, Jung CH, Ha TY. Differential circulating and visceral fat microRNA expression of non-obese and obese subjects. *Clin Nutr*. 2020 Mar;39(3):910-916. doi:10.1016/j.clnu.2019.03.033.