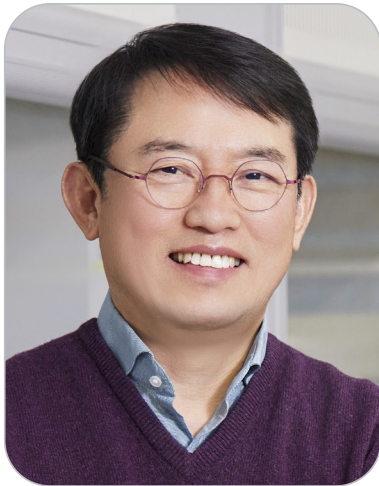


### Minho Shong

### Curriculum Vitae



Professor  
Graduate School of Medical Science and Engineering, Korea Advanced Institute of Science and Technology (KAIST), Korea

#### Educational Background & Professional Experience

2023.04.01–Present	Professor, Graduate School of Medical Science and Engineering, Korea Advanced Institute of Science and Technology (KAIST)
2016.11.10–2019.12.06	President, Chungnam National University Hospital
2016.05.01–2016.07.31	Visiting Professor, INSERM, Rare diseases, genetics and Metabolism, Bordeaux University Hospital
2013.01.03–2015.11.30	Dean, Chungnam National University School of Medicine
2011.03.01–2013.01.02	Vice–Dean, Chungnam National University School of Medicine
2010.05.01–2015.03.31	Director, Research Center for Endocrine and Metabolic Diseases, Ministry of Health & Welfare, Korea
2004.04.01–2023.03.31	Professor, Department of Internal Medicine, School of Medicine, Chungnam National University
1999.04.01–2004.03.31	Associate Professor, Department of Internal Medicine, School of Medicine, Chungnam National University
1994.10.01–1999.03.31	Assistant Professor, Department of Internal Medicine, School of Medicine, Chungnam National University
1994.09.01–1996.08.31	Postdoctoral Visiting Fellow, Cell Regulation Section, Metabolic Disease Branch, NIDDK, NIH
1990.03.01–1992.02.28	Fellowship, Division of Endocrinology–Metabolism, Department of Internal Medicine, Seoul National University Hospital

#### Research Interests

Endocrinology, Mitochondrial medicine, Cancer–brain communication, Multiomics–based healthcare

#### Publications

1. Kang GM, Min SH, Lee CH, Kim JY, Lim HS, Choi MJ, Jung SB, Park JW, Kim S, Park CB, Dugu H, Choi JH, Jang WH, Park SE, Cho YM, Kim JG, Kim KG, Choi CS, Kim YB, Lee C, Shong M, Kim MS. Mitohormesis in Hypothalamic POMC Neurons Mediates Regular Exercise–Induced High–Turnover Metabolism. *Cell Metab.* 2021 Feb 2;33(2):334–349.e6.
2. Jung SB, Choi MJ, Ryu D, Yi HS, Lee SE, Chang JY, Chung HK, Kim YK, Kang SG, Lee JH, Kim KS, Kim HJ, Kim CS, Lee CH, Williams RW, Kim H, Lee HK, Auwerx J, Shong M. Reduced oxidative capacity in macrophages results in systemic insulin resistance. *Nat Commun.* 2018 Apr 19;9(1):1551.
3. Kim SJ, Kwon MC, Ryu MJ, Chung HK, Tadi S, Kim YK, Kim JM, Lee SH, Park JH, Kweon GR, Ryu SW, Jo YS, Lee CH, Hatakeyama H, Goto Y, Yim YH, Chung J, Kong YY, Shong M. CRIF1 is essential for the synthesis and insertion of oxidative phosphorylation polypeptides in the mammalian mitochondrial membrane. *Cell Metab.* 2012 Aug 8;16(2):274–83.
4. Lee JH, Koh H, Kim M, Kim Y, Lee SY, Karess RE, Lee SH, Shong M, Kim JM, Kim J, Chung J. Energy–dependent regulation of cell structure by AMP–activated protein kinase. *Nature.* 2007 Jun 21;447(7147):1017–20.
5. Park J, Lee SB, Lee S, Kim Y, Song S, Kim S, Bae E, Kim J, Shong M, Kim JM, Chung J. Mitochondrial dysfunction in Drosophila PINK1 mutants is complemented by parkin. *Nature.* 2006 Jun 29;441(7097):1157–61.