

## Curriculum Vitae

**Name:** Min-Seon Kim

**Degree:** Dr.

**Affiliation:** University of Ulsan College of Medicine

**Position Title:** Professor

### Education/Training

1984 - 1990: Seoul National University College of Medicine, MD

1993 - 1995: Graduate School, Seoul National University, MS

1995 - 2000: Graduate School, Seoul National University, PhD

1990 - 1991: Intern, Seoul National University Hospital

1991 - 1995: Resident, Department of Internal Medicine Seoul National University Hospital

1996-2000: Research fellow, Endocrine Unit Hammersmith Hospital

Imperial College School of Medicine (Mentor: Stephen R. Bloom)

2000 -2001: Fellow in Division of Endocrinology and Metabolism

Department of Internal Medicine

Seoul National University Hospital

### Positions and Scientific Appointments

2002.6 – 2008.2: Assistant professor, Division of Endocrinology and Metabolism

Department of Internal Medicine

University of Ulsan College of Medicine

2008. 3- 2014. 5 Associate professor, Division of Endocrinology and Metabolism

Department of Internal Medicine

University of Ulsan College of Medicine

2014. 6- present: Professor, Division of Endocrinology and Metabolism

Department of Internal Medicine

University of Ulsan College of Medicine

2014. 9- 2020.8: Director, Asan Diabetes Center

2016. 3-2018.2: Director, Department of Biomedical Science

University of Ulsan College of Medicine

2017.3 – 2021.2: Director, Division of Endocrinology and Metabolism

University of Ulsan College of Medicine

### Honors

1. Young Investigator Award, The Korean Endocrine Society, 2001
2. Young Investigator Award, The Korean Diabetes Association, 2005
3. Bunsh Young Investigator Award, The Korean Medical Association, 2005
4. Yeonkang Academic Award, Doosan Foundation, 2007
5. Hamchun Donga Academic Award, 2013
6. Sulwon Academic Award, The Korean Diabetes Association, 2021
7. 4th Yongwoon Grand Prize in Medicine, Yonsei University, 2022

**Selected Publication**

1. Han YM, Kang GM, Byun K, Ko HW, Kim J, Shin MS, Kim HK, Gil SY, Yu JH, Lee B, Kim MS. Leptin-promoted cilia assembly is critical for normal energy balance. *Journal of Clinical Investigations* 2014 May 1;124(5):2193-7.
2. Lee CH, Kim HJ, Lee YS, Kang GM, Lim HS, Lee SH, Song DK, Kwon O, Hwang I, Son M, Byun K, Sung YH, Kim S, Kim JB, Choi EY, Kim YB, Kim K, Kweon MN, Sohn JW, Kim MS. Hypothalamic Macrophage inducible nitric oxide synthase mediates obesity-associated hypothalamic inflammation. *Cell Reports*. 2018 Oct 23;25(4):934-946.e5.
3. Roh E, Park JW, Kang GM, Lee CH, Dugu H, Gil SY, Song DK, Kim HJ, Son GH, Yu R, Kim MS. Exogenous nicotinamide adenine dinucleotide regulates energy metabolism via hypothalamic connexin 43. *Metabolism*. 2018 Nov;88:51-60.
4. Lee CH, Shin SH, Kang GM, Kim S, Kim J, Yu R, Kim MS. Cellular source of hypothalamic macrophage accumulation in diet-induced obesity. *J Neuroinflammation*. 2019 Nov 14;16(1):221.
5. Bae JE, Kang GM, Min SH, Jo DS, Jung YK, Kim K, Kim MS (co-correspondance), Cho DH. Primary cilia mediate mitochondrial stress responses to promote dopamine neuron survival in a Parkinson's disease model. *Cell Death Dis*. 2019 Dec 16;10(12):952.
6. Lee CH, Song DK, Park CB, Choi J, Kang GM, Shin SH, Kwon I, Park S, Kim S, Kim JY, Dugu H, Park JW, Choi JH, Min SH, Sohn JW, Kim MS. Primary cilia mediate early life programming of adiposity through lysosomal regulation in the developing mouse hypothalamus. *Nature Communications* 2020 Nov 13, 11:5772
7. Kang GM, Min SE, 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 Meta* 2021 Feb 2,2;33(2):334-349.e6.