Curriculum Vitae

Name: Minho Shong
Degree: M.D., Ph.D.
Affiliation: Chungnam National University School of Medicine
Position Title: Professor

Education/Training

1980.03-1986.02 B.A. Degree, College of Medicine, Chungnam National University
1987.03-1989.02 Master Degree, Postgraduate School, Chungnam National University
1992.03-1998.08 Ph. D, Postgraduate School, Chungnam National University

Positions and Scientific Appointments

1986.03-1990.02	Internship, Chungnam National University Hospital
1990.03-1992.02	Fellowship, Division of Endocrinology-Metabolism, Department of Internal Medicine, Seoul National University Hospital
1992.09-1994.09	Instructor, Department of Medicine, School of Medicine, Chungnam National University
1994.09-1996.08	Postdoctoral Visiting Fellow, Cell Regulation Section, Metabolic Disease Branch, NIDDK, NIH
1994.10-1999.03	Assistant professor, Department of Internal Medicine, School of Medicine, Chungnam National University
1999.04-2004.03	Associate professor, Department of Internal Medicine, School of Medicine, Chungnam National University
1999.04-2004.03	Associate professor, Department of Internal Medicine, School of Medicine, Chungnam National University
2004.04-present	Professor, Department of Internal Medicine, School of Medicine, ChungnamNational University
2004.08-2010.08	Chief, Division of Endocrinology-Metabolism, Chungnam National University Hospital
2006.06-2008.03	Chief, Healthcare, Chungnam National University
2010.05-2015.03	Director, Research Center for Endocrine and Metabolic Diseases, Ministry of Health & Welfare, Korea
2011.03-2012.12	Vice-Dean, Chungnam National University School of Medicine
2013.01-2015.11	Dean, Chungnam National University School of Medicine
2016.01-present	Adjunct Professor, Graduate School of Medical Science and Engineering, Korea Advanced Institute of Science and Technology
2016.11-2019.11	President, Chungnam National University Hospital

Honors

2013.01-present Korean Society of Endocrinology**,** Publication advisory committee
2009.01-present Asia Oceania Thyroid Association director, POC committee
2011.01-present Korean Society for Mitochondrial Research Medicine, President
2011.10-present Asian Society of Mitochondrial Research and Medicine, President

2011.10-present Korean Thyroid Association, Director
2012.01-2016.12 Korean Society for Molecular and Cellular Biology, Associate editor
2014.07-2016.06 NRF Basic Research Division Specialist in Medicine
2017.12-2018.04 National Science and Technology Council, committee
2018.01-2018.12 Korean Society for Molecular and Cellular Biology, steering committee meeting Vice-Dean
2018.01-2018.12 Korean Diabetic Association, steering committee meeting, director
2018.04-2019.04 Presidential Advisory Council on Science & Technology, committee
2018.05-present Korean Hospital Association, Academic Director

Selected Publication

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. doi: 10.1016/j.cmet.2021.01.003.

Choi MJ, Jung SB, Lee SE, Kang SG, Lee JH, Ryu MJ, Chung HK, Chang JY, Kim YK, Hong HJ, Kim H, Kim HJ, Lee CH, Mardinoglu A, Yi HS, Shong M. An adipocyte-specific defect in oxidative phosphorylation increases systemic energy expenditure and protects against diet-induced obesity in mouse models. Diabetologia. 2020 Apr;63(4):837-852. doi: 10.1007/s00125-019-05082-7. Epub 2020 Jan 10.

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. doi: 10.1038/s41467-018-03998-z.

Lee J, Yi S, Won M, Song YS, Yi HS, Park YJ, Park KC, Kim JT, Chang JY, Lee MJ, Sul HJ, Choi JE, Kim KS, Kero J, Kim J, Shong M. Loss-of-function of IFT88 determines metabolic phenotypes in thyroid cancer. Among authors: shong m . Oncogene. 2018 Aug;37(32):4455-4474. doi: 10.1038/s41388-018-0211-6. Epub 2018 May 10.

Jang JY, Choi SY, Park I, Park DY, Choe K, Kim P, Kim YK, Lee BJ, Hirashima M, Kubota Y, Park JW, Cheng SY, Nagy A, Park YJ, Alitalo K, Shong M, Koh GY. VEGFR2 but not VEGFR3 governs integrity and remodeling of thyroid angiofollicular unit in normal state and during goitrogenesis. EMBO Mol Med. 2017 Jun;9(6):750-769. doi: 10.15252/emmm.201607341.

Lee SE, Kang SG, Choi MJ, Jung SB, Ryu MJ, Chung HK, Chang JY, Kim YK, Lee JH, Kim KS, Kim HJ, Lee HK, Yi HS, Shong M. Growth Differentiation Factor 15 Mediates Systemic Glucose Regulatory Action of T-Helper Type 2 Cytokines. Diabetes. 2017 Nov;66(11):2774-2788. doi: 10.2337/db17-0333. Epub 2017 Sep 5.

Chung HK, Ryu D, Kim KS, Chang JY, Kim YK, Yi HS, Kang SG, Choi MJ, Lee SE, Jung SB, Ryu MJ, Kim SJ, Kweon GR, Kim H, Hwang JH, Lee CH, Lee SJ, Wall CE, Downes M, Evans RM, Auwerx J, Shong M. Growth differentiation factor 15 is a myomitokine governing systemic energy homeostasis. J Cell Biol. 2017 Jan 2;216(1):149-165. doi: 10.1083/jcb.201607110. Epub 2016 Dec 16.