• **Name:** Jong-Won Kim

• **Current Position:**
Professor, Department of Laboratory Medicine and Genetics, Samsung Medical Center, Sungkyunkwan University School of Medicine
Director, Genome Center for Inherited Metabolic Disorders designated by Ministry of Health and Welfare
President, Korean Society of Genetic Diagnostics Since 2015.1.

• **Country:** Korea

• **Educational Background:**

1981 - 1985	M.D. Seoul National University College of Medicine
1988 - 1990	M.S. Seoul National Univerity (Major: Clinical Pathology)
1991 - 1993	Ph.D. Seoul National University (Major: Clinical Pathology)
1989 - 1991	M.S. Seogang Graduate school of Information and Technology (Major: Artificial Intelligence)

• **Professional Experiences:**

1986.3 - 1987.2	Internship, Seoul National University Hospital
1987.3 - 1990.2	Resident, Department of Laboratory Medicine (Previously, Department of Clinical Pathology)
1990.3	Board of Laboratory Medicine, Certified by Korean Society of Laboratory Medicine
1990.3 - 1990.8	Post Doctoral Clinical Fellow, Department of Laboratory Medicine, Seoul National University
1990.9 - 1993.2	Full time Instructor and Assistant Professor, Chungbuk National University, College of Medicine
1992.10 - 1994.5	Post Doctoral Fellow, Division of Human Genetics Children's Hospital Medical Center, Cincinnati, Ohio, USA
1994 - Present	Faculty Staff, Department of Laboratory Medicine and Genetics, Samsung Medical Center
1997 - 2006.9	Assistant and Associate Professor Sungkyunkwan University School of Medicine
2006.10 - Present	Professor, Sungkyunkwan University School of Medicine
2008.8.1 - 2011.11	Chairman, Department of Laboratory Medicine and Genetics, Samsung Medical Center

2009.3.1- 2011.12 Director for Genome Research Center, Samsung Biomedical Research Institute

- **Professional Organizations:**

  Member & Committee chair of Genetic Diagnostics, Korean Society for Laboratory Medicine
  President, Korean Society of Genetic Diagnostics
  Member, American Society of Human Genetics since 1992.

- **Main Scientific Publications: (Total of 9)**

- Kyung Sun Park, Eun Yoon Cho, Seok Jin Nam, Chang-Seok Ki, Jong-Won Kim Comparative analysis of BRCA1 and BRCA2variants of uncertain significance in patients with breast cancer: a multifactorial probability-based model versus ACMG standards and guidelines for interpreting sequence variants. Genetics in Medicine, 2016, doi:10.1038/gim.2016.39
- Myung W, Kim J, Lim SW, Shim S, Won HH, Kim S, Kim S, Lee MS, Chang HS, Kim JW, Carroll BJ, Kim DK A genome-wide association study of antidepressant response in Koreans. Transl Psychiatry. 2015 Nov 3;5:e672. doi: 10.1038/tp.2015.173.
- Genetic prediction of antidepressant drug response and nonresponse in Korean patients. Lim SW, Won HH, Kim H, Myung W, Kim S, Kim KK, Carroll BJ, Kim JW, Kim DK. PLoS One. 2014 Sep 16;9(9):e107098.
- Won HH, Kim JW, Lee D. A Bayesian ensemble approach with a disease gene network predicts damaging effects of missense variants of human cancers. Hum Genet. 2013 Jan; 132(1):15-27
- Lee ST, Kim SW, Ki CS, Jang JH, Shin JH, Oh YL, Kim JW, Chung JH. Clinical Implication of Highly Sensitive Detection of the BRAF V600E Mutation in Fine-Needle Aspirations of Thyroid Nodules: A Comparative Analysis of Three Molecular Assays in 4585 Consecutive Cases in a BRAF V600E Mutation-Prevalent Area. J Clin Endocrinol Metab. Jul;97(7):2299-306, 2012
- Ahn MJ, Won HH, Lee J, Lee ST, Sun JM, Park YH, Ahn JS, Kwon OJ, Kim H, Shim YM, Kim J, Kim K, Kim YH, Park JY, Kim JW, Park K. The 18p11.22 locus is associated with never smoker non-small cell lung cancer susceptibility in Korean populations. Hum Genet. 2012 Mar;131(3):365-72.
- Dong Hwan (Dennis) Kim, Seung-Tae Lee, Hong-Hee Won, Seonwoo Kim, Min-Ji Kim, Hee-Jin Kim, Sun-Hee Kim, Jong-Won Kim, HyeoungJoon Kim, Yeo-Kyeoung Kim, Sang Kyun Sohn, Joon Ho Moon, Chul Won Jung, Jeffrey H. Lipton. Genome-wide association study identifies novel loci associated with susceptibility to chronic myeloid leukemia. Blood 2011 Jun 23;117(25):6906-11
- Hee-Jin Kim, Kwang-Min Sohn, Michael E. Shy, Karen M. Krajewski, Miok Hwang, June-Hee Park, Sue-Yon Jang, Hong-Hee Won, Byung-Ok Choi, Sung-Hwa Hong, Byung-Joon Kim, Yeon-Lim Suh, Chang-Seok Ki, Soo-Youn Lee, Sun-Hee Kim, and Jong-Won Kim. Mutations in PRPS1, Which Encodes Phosphoribosyl Pyrophosphate Synthetase Gene for Nucleotide Biosynthesis, Cause Hereditary Peripheral Neuropathy with Hearing Loss and Optic Neuropathy (CMTX5). Am J Human Genet 81(3);552-559, 2007
- H-J Kim, SHHong, CS Ki, BJ Kim, JS Shim, SH Cho, JH Park, JW Kim. A novel locus for X-linked recessive CMT with deafness and optic neuropathy maps to Xq21.32-q24. Neurology 64:1964-1967, 2005