



• **Name:** Sang-Guk Lee

• **Current Position:** Associated Professor

• **Country:** Korea

• **Educational Background:**

Mar. 1999 - Feb. 2005 Bachelor Degree,
Yonsei University College of Medicine, Seoul, Korea

Mar. 2007 - Feb. 2009 M.S. Master's Degree of Medical Science,
Yonsei University College of Medicine, Seoul, Korea

Mar. 2013 - 2017 Ph.D. Course of Medical Science,
Yonsei University College of Medicine, Seoul, Korea

• **Professional Experience:**

Mar. 2005 - Feb. 2006 Internship, Severance Hospital,
Yonsei University College of Medicine, Seoul, Korea

Mar. 2006 - Feb. 2010 Residency, Severance Hospital,
Department of Laboratory Medicine,
Yonsei University College of Medicine, Seoul, Korea

May. 2010 - Apr. 2013 Military service
Director, Department of Laboratory Medicine,
Armed Forces Hampyung Hospital, Hampyung,
Julanamdo, Korea (May. 2010 - Apr. 2011)
Director, Department of Laboratory Medicine,
Armed Forces Capital Hospital, Seongnam, Kyunggido,
Korea Korea (May. 2011 - Apr. 2013)

May. 2013 - Feb. 2014 Clinical and Research Fellowship, Severance Hospital,
Department of Laboratory Medicine,
Yonsei University College of Medicine, Seoul. Korea

Mar. 2014 – Feb. 2020 Assistant Professor, Department of Laboratory Medicine,
Yonsei University College of Medicine, Seoul. Korea

Mar. 2020 – Associated Professor, Department of Laboratory Medicine,
Yonsei University College of Medicine, Seoul. Korea

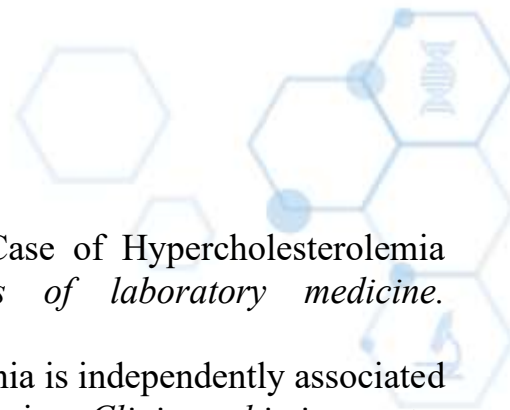
**• Professional Organizations:**

Mar. 2010 - Member of the Korean Society for Laboratory Medicine

Mar. 2014 - Member of the board of education for Korean Society of Clinical Chemistry

• Main Scientific Publications:

1. Cho Y, Park Y, Sim B, et al. Identification of serum biomarkers for active pulmonary tuberculosis using a targeted metabolomics approach. *Scientific reports*. 2020;10(1):3825.
2. Nguyen BT, Pyun JC, Lee SG, Kang MJ. Identification of new binding proteins of focal adhesion kinase using immunoprecipitation and mass spectrometry. *Scientific reports*. 2019;9(1):12908.
3. Nam HS, Ha J, Ji D, et al. Elevation of the Gut Microbiota Metabolite Trimethylamine N-Oxide Predicts Stroke Outcome. *Journal of stroke*. 2019;21(3):350-352.
4. Lee SG, Lee YH, Choi E, Cho Y, Kim JH. Fasting serum bile acids concentration is associated with insulin resistance independently of diabetes status. *Clinical chemistry and laboratory medicine*. 2019.
5. Kwon SS, Lee SG. A High Alanine Aminotransferase/Aspartate Aminotransferase Ratio Determines Insulin Resistance and Metabolically Healthy/Unhealthy Obesity in a General Adult Population in Korea: The Korean National Health and Nutritional Examination Survey 2007-2010. *Experimental and clinical endocrinology & diabetes : official journal, German Society of Endocrinology [and] German Diabetes Association*. 2019;127(10):677-684.
6. Cho J, Oh KJ, Jeon BC, Lee SG, Kim JH. Comparison of five automated urine sediment analyzers with manual microscopy for accurate identification of urine sediment. *Clinical chemistry and laboratory medicine*. 2019;57(11):1744-1753.
7. Yim J, Kim G, Lee BW, et al. Relationship Between Circulating Netrin-1 Concentration, Impaired Fasting Glucose, and Newly Diagnosed Type 2 Diabetes. *Frontiers in endocrinology*. 2018;9:691.
8. Lee SG, Yim YS, Lee YH, et al. Fasting serum amino acids concentration is associated with insulin resistance and pro-inflammatory cytokines. *Diabetes research and clinical practice*. 2018;140:107-117.
9. Yim J, Cho J, Ahn S, Lee SG, Kim JH. A practical way to overcome ascorbate interference in total cholesterol and triglyceride measurement by exploiting the autoxidation property of ascorbate. *Clinical biochemistry*. 2017;50(6):350-351.
10. Park YJ, Rim JH, Yim J, Lee SG, Kim JH. Effects of two types of medical contrast media on routine chemistry results by three automated chemistry analyzers. *Clinical biochemistry*. 2017;50(12):719-725.
11. Kwon SS, Lee SG, Lee YH, Lim JB, Kim JH. Homeostasis model assessment of insulin resistance in a general adult population in Korea: additive association of sarcopenia and obesity with insulin resistance. *Clinical endocrinology*. 2017;86(1):44-51.



12. Ha J, Lee SG, Kim JH. Lipoprotein X Detected in a Case of Hypercholesterolemia Associated With Chronic Cholangiohepatitis. *Annals of laboratory medicine*. 2017;37(6):550-552.
13. Choi MH, Choe YH, Lee SG, Jeong SH, Kim JH. Neutropenia is independently associated with sub-therapeutic serum concentration of vancomycin. *Clinica chimica acta; international journal of clinical chemistry*. 2017;465:106-111.

