


## [Curriculum Vitae]

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|--------------------|---|-----------------------|---|
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| <b>Institution</b> | Department of Internal Medicine, Seoul National University<br>College of Medicine, Seoul National University Bundang Hospital |                       |   |
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| <b>E-mail</b>      | limsoo@snu.ac.kr  | <b>Place of birth</b> | Seoul   |
| <b>TEL</b>         | 82-31-787-7035  | <b>Birth date</b>     | 1970-JULY-15  |
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### ◎ EDUCATION

|                       |   |
|-----------------------|---|
| Mar. 1990 - Feb. 1996 | Seoul National University College of Medicine (MD)  |
| Mar. 2002 - Feb. 2004 | Postgraduate School, Seoul National University School of Public Health<br>(Master of Public Health) |
| Mar. 2004 - Feb. 2006 | Postgraduate School, Seoul National University College of Medicine (PhD)                            |
| Mar. 2006 - Feb. 2009 | Postgraduate School, Seoul National University School of Public Health<br>(Doctor of Public Health) |
| Mar. 2011 - Aug. 2012 | Research fellow, Massachusetts General Hospital/Harvard Medical School,<br>Boston, MA, USA          |

### ◎ BRIEF CHRONOLOGY of EMPLOYMENT

|                       |   |
|-----------------------|---|
| Mar. 1996 - Feb. 1997 | Internship, Seoul National University Hospital, Seoul, Korea  |
| Mar. 1997 - Feb. 2001 | Residency in Internal Medicine, Seoul National University Hospital, Seoul,<br>Korea                         |
| Mar. 2001 - Apr. 2004 | Epidemiology Intelligence Service Officer, Department of Quarantine,<br>National Institute of Health, Korea |
| Aug. 2005 – Feb. 2012 | Assistant Professor, Division of Endocrinology, Seoul National University<br>Bundang Hospital               |
| Mar. 2012 – Present   | Associate Professor, Division of Endocrinology, Seoul National University<br>Bundang Hospital               |
| Mar, 2015 – Present   | Executive committee member of Asia Pacific Society for Atherosclerosis<br>and Vascular Disease (APSAVD)     |
| Mar, 2015 – Present   | Executive Board Member of International Atherosclerosis Society (IAS)<br>Asia Pacific Federation            |

## © BRIEF BIOGRAPHY

Soo Lim, MD is Associate Professor, Division of Endocrinology and Metabolism at Seoul National University Bundang Hospital. After obtaining his medical degree at Seoul National University College of Medicine, Seoul, Korea, Dr. Lim completed an internship, residency, and fellowship at the same institution. He obtained the degree of Master of Public Health at Seoul National University School of Public Health. He also received a doctorate in Medicine at Seoul National University College of Medicine. He worked as a research fellow at Massachusetts General Hospital/Harvard Medical School, Boston, MA, USA in 2011-2012. Dr. Lim's research interests focus on biology and pathophysiology related with diabetes mellitus, dyslipidemia, and metabolic syndrome. He has published more than 200 scientific journals in these fields. He is an expert in managing patients with diabetes mellitus and also a well-known lecturer in many countries.

## © AWARD LIST

- Official commendation from the Minister of Public Health and Welfare, Korea, 2002-12-22
- Official commendation from the President of Korea, 2003-07-31
- Official commendation from the Korean Society for Public Health and Medicine, 2003-11-21
- The First Winner of the young investigator award, The 4th Congress of Asia Pacific of Atherosclerosis and Vascular Diseases, Indonesia, 2004-05-06
- The Young Investigator Award from the Korean Society of Endocrinology, 2006-04
- The Clinical Research Award from the Korean Society of Lipidology and Atherosclerosis, 2007-09
- The Highest Scientific Impact Factor Award from the Seoul National University Bundang Hospital, 2008-06
- The Best Research Award from the Korean Society of Lipidology and Atherosclerosis, 2008-09
- The Young Investigator Award from the Korean Diabetes Association, 2008-10
- The Faculty of 1000 Biology, 2009-04

- The Young Investigator Award from the Seoul National University Bundang Hospital, 2009 and 2010
- The *Hamchoon* Academic Award from the department of Internal Medicine, Seoul National University College of Medicine, 2011-12
- The *Moonsuk* Research Award from the Korean Society for the Study of Obesity, 2012-10
- The Highest Scientific Impact Academic Award from the Seoul National University Bundang Hospital, 2012-12
- The *Namgok* Scientific Research Award from the Korean Endocrine Society, 2013-11
- The Academic Award from the Seoul National University Bundang Hospital, 2013, 2014, 2015

### © Book chapter

1. **Soo Lim** and Sung Il Cho. Chapter 6: Obesity Epidemic Associated with Higher Health Risk in Asian Populations; gene, Environment, or adaptability. Recent Progress In Medicinal Plants, Phytopharmacology and Therapeutic Values V. RPMP Vol. 23. PP: 66-81. VK Singh and JN Govil. Studium Press, 2009. ISBN-13: 978-1933699134
2. **Soo Lim** and Kyong Soo Park. Chapter 17: The Use of Ginkgo biloba Extract in Cardiovascular Protection in Patients with Diabetes. DIABETES: OXIDATIVE STRESS AND DIETARY ANTIOXIDANTS. PP: 161-168. Victor R. Preedy. Elsevier, 2013. Publication Date: November 28, 2013. ISBN-13: 978-0124058859
3. **Soo Lim**, Marie-France Hivert, and James B. Meigs. Chapter 7: Waist Girth. Handbook of Obesity - Volume 2: Clinical Applications, Fourth Edition. PP 81-96. George A. Bray and Claude Bouchard. CRC Press, 2013. Publication Date: March 24, 2014. ISBN-13: 978-1841849812
4. **Soo Lim**, Chapter 12: Is there a mechanistic link between hepatic steatosis and cardiac rather than liver events?. Clinical Dilemmas in Non-Alcoholic Fatty Liver Disease. PP 103-110. Roger Williams and Simon D. Taylor-Robinson. Wiley Blackwell, 2016. Publication Date: May 1, 2016. ISBN: 978-1-118-91203-4
5. **Soo Lim**, The endothelium: a therapeutic target in post-PCI patients and the role of trimetazidine in endothelial function. Metabolic Agents in the Contemporary Treatment of Angina. Medicographia. Vo. 38, No. 3. PP 277-281. 2016.

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1. Composition comprising PPAR $\gamma$  sumoylation mutant for the prevention or treatment of atherosclerosis and restenosis). No. 1010214250000. KOREAN INTELLECTUAL PROPERTY OFFICE. 2011.03.03.
2. U-Healthcare System for Managing Diabetic Patients and Management Method. No. 1011451420000. KOREAN INTELLECTUAL PROPERTY OFFICE. 2012.05.04.

## © Publication

### [2000-2003]

1. **Lim S**, Kim SK, Park KS, Kim SY, Cho BY, Yim MJ, Lee HK, Effect of exercise on the mitochondrial DNA content of peripheral blood in healthy women, **Eur J Appl Physiol** **82: 407-412, 2000**
2. **Lim S**, Kim MS, Park KS, Lee JH, An GH, Yim MJ, Song Jh, Park YK, Lee HK, Correlation of plasma homocysteine and mitochondrial DNA content in peripheral blood in healthy women, **Atherosclerosis** **158:399-405,2001**
3. **Lim S**, Park KS, Kim MS, Cho BY, Lee HK, Relationship between various surrogate indices of insulin resistance and mitochondrial DNA content in the peripheral blood of 18 healthy volunteers, **Mitochondrion** **1:71-77, 2001**
4. **Lim S**, Kwon KH, Kim EJ, Lim DS, Lim HJ, Cho SI, Lee YY, Park KS, Lee HK. Characteristics of Metabolic Syndrome and its Relationship with the Factors Related to Obesity in Rural Area. **J Kor Soc Lipid and Athero** **12:370-371, 2002**
5. **Lim S**, Shin CS, Kim KS, Kim SY, Bang EJ, Shin EK, Choi HR, Chung MH, Cho SI. Determinants of Limb-Bone Mineral Density in healthy Men and Women Aged over 50 in Rural Area. **J Kor Soc Endocrinol** **18:193-205, 2003.**
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7. Kim JM, **Lim S**, Kim TY, Cho YM, Shinn WS, Hong HK, Park KS, Kim SY, and Lee HK. Peroxisome Proliferator Activated Receptor Gene Expression in Cultured Human Skeletal Muscle Cell. **J Kor Soc Lipid and Athero** **11:460-467, 2001**
8. Shinn WS, **Lim S**, Cho YM, Kim TY, Moon MK, Park DJ, Park KS, Kim SY, Cho BY, Lee HK, Youn YK, Oh SK. Development of Tertiary Hyperparathyroidism during the Treatment of Hypophosphatemic Osteomalacia. **J Kor Soc Endocrinol** **16:520-527, 2001**

9. Moon MK, Cho YM, **Lim S**, Park KS, Lee HK, Metabolic syndrome, **J Kor Soc Endocrinol 18:105-119, 2003.**

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12. **Lim S**, Park KS, Metabolic syndrome and Peroxisome proliferator-activated receptor. **J Kor Soc Endocrinol 19:256-266, 2004.**
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14. **Lim S**, Park KS, Lee HK, Cho SI. Changes in the Characteristics of Metabolic Syndrome in Korea over the Period 1998-2001 as Determined by Korean National Health and Nutrition Examination Surveys. **Diabetes Care 28:1810-1812, 2005**
15. **Lim S**, Lee HK, Kimm KC, Park C, Shin C, Cho NH. C-reactive protein level as an independent risk factor of metabolic syndrome in the Korean population. **Diabetes Res Clin Pract 70: 126-133, 2005**
16. **Lim S**, Lee EJ, Koo BK, Cho SI, Park KS, Jang HC, Kim SY, Lee HK. Increasing Trends of Metabolic Syndrome in Korea. **Korean Diabetes J 29:432-439, 2005**
17. Cho NH, **Lim S**, Jang HC, Park HK, Boyd E. Metzger. Elevated Homocysteine as a Risk Factor for the Development of Diabetes in Women With a Previous History of Gestational Diabetes Mellitus. **Diabetes Care 28, 2750-2755, 2005**

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18. **Lim S**, Jin CJ, Kim M, Chung SS, Park HS, Lee IK, Lee CT, Cho YM, Lee HK, Park KS. PPARgamma gene transfer sustains apoptosis, inhibits vascular smooth muscle cell proliferation, and reduces neointima formation after balloon injury in rats. **Arterioscler Thromb Vasc Bio. 26: 808-813, 2006**
19. **Lim S**, Jang HC, Lee HK, Kimm KC, Park C, Cho NH. The relationship between body fat and C-reactive protein in middle-aged Korean population. **Atherosclerosis 2006 184: 171-177**
20. **Lim S**, Jang HC, Lee HK, Kimm KC, Park C and Cho NH. A rural-urban comparison of the

characteristics of metabolic syndrome by gender in Korea: The Korean Health and Genome Study (KHGS). **J Endocrinol Invest** **29: 313-319, 2006**

21. **Lim S**, Postprandial hyperglycemia and complication. **Korean Clinical Diabetes** **7:207-211, 2006.**

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23. Oh JY, **Lim S\***(Co-first author), Kim DJ, Kim NH, Kim DJ, Moon SD, Jang HC, Cho YM, Song KH, Park KS. A Report on the Diagnosis of Diabetes Mellitus in Korea: A Pooled Analysis of Four Community-based Cohort Studies. **Diabetic Medicine** **24, 217-220, 2007**
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27. **Lim S**, Koo BK, Lee EJ, Park JH, Kim MH, Shin KH, Ha YC, Cho NH, Shin CS. Incidence of hip fractures in Korea. **J Bone Miner Metab** **26:400-405, 2008**
28. Koo BK, An JH, Jeon KH, Choi SH, Cho YM, Jang HC, Chung JH, Lee CH, **Lim S\***. Two cases of ectopic adrenocorticotrophic hormone syndrome with olfactory neuroblastoma and literature review. **Endocrine Journal** **55:469-475, 2008.**
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31. **Lim S**, Choi SH, Jeong IK, Kim JH, Moon MK, Park KS, Lee HK, Kim YB, Jang HC. Insulin-sensitizing Effects of Exercise on Adiponectin and Retinol Binding Protein-4 Concentrations in Young and Middle-aged Women. **J Clin Endocrinol Metab** **93:2263-2268, 2008.**

32. **Lim S C**, Jang HC. Clinical Implication of Adiponectin. **Korean Diabetes J 32:85~97, 2008**
33. **Lim S**, Relationship Between Serum Bilirubin Levels and Coronary Atherosclerosis in Patients with Type 2 Diabetes (letter) **Korean Diabetes J 32:462~463, 2008**
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42. **Lim S**, Yoon JW, Choi SH, Cho BJ, Kim JT, Chang HS, Park HS, Park KS, Lee HK, Kim YB, Jang HC. Effect of ginsam, a vinegar extract from *Panax ginseng*, on body weight and glucose

- homeostasis in an obese insulin-resistant rat model. **Metabolism** 58: 8-15, 2009
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  44. **Lim S**, Choi SH, Choi EK, Yoon YE, Ku YH, Chun EJ, Choi SI, Jang HC, Chang HJ. Comprehensive Evaluation of Coronary Arteries by Multidetector-row Cardiac Computed Tomography according to the Glucose Level of Asymptomatic Individuals. **Atherosclerosis** Jul;205(1):156-62, 2009.
  45. **Lim S**, Ahn SY, Song IC, Chung MH, Jang HC, Park KS, Lee KU, Pak YK, Lee HK. Chronic Exposure to the Herbicide, Atrazine, Causes Mitochondrial Dysfunction and Insulin Resistance. **PLOS one** 4(4):e5186, 2009
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  47. Cho YM, Kim TH, **Lim S**, Choi SH, Shin HD, Lee HK, Park KS, Jang HC. Type 2 diabetes-associated genetic variants discovered in the recent genome-wide association studies are related to gestational diabetes mellitus in the Korean population. **Diabetologia** 52: 253-261, 2009
  48. Cho NH, Juliana CN Chan, Jang HC, **Lim S**, Kim HL, Choi SH. Cigarette Smoking Is an Independent Risk Factor for Type 2 Diabetes. **Clinical Endocrinology** Nov;71(5):679-685, 2009
  49. Han MK, Huh Y, Lee SB, Park JH, Lee JJ, Choi EA, Lim JY, **Lim S**, Kim KI, Park YJ, Paik NJ, Kim TK, Jang HC, Kim KW. Prevalence of Stroke and Transient Ischemic Attack in Korean Elders. Findings From the Korean Longitudinal Study on Health and Aging (KLoSHA). **Stroke** 40:966-969, 2009
  50. Choi SH, An JH, **Lim S**, Koo BK, Park SE, Chang HJ, Choi SI, Park YJ, Park KS, HC Jang KS, Shin CS. Lower Bone Mineral Density is Associated with Higher Coronary Calcification and Coronary Plaque Burdens by Multidetector Row Coronary Computed Tomography in Pre- and Post-menopausal Women. **Clinical Endocrinology** Nov;71(5):644-51, 2009
  51. Park YJ, Yoon JW, Kim KI, Lee YJ, Kim KW, Choi SH, **Lim S**, Choi DJ, Park KH, Choh JH, Jang HC, Kim SY, Cho BY, Lim C. Subclinical hypothyroidism might increase the risk of transient atrial fibrillation after coronary artery bypass grafting. **Ann Thorac Surg** 87:1846-1852, 2009
  52. Kim M, Ahn BY, Lee JS, Chung SS, **Lim S**, Park SG, Jung HS, Lee HK, Park KS. The ginsenoside Rg3 has a stimulatory effect on insulin signaling in L6 myotubes. **Biochem Biophys Res Commun.** Nov 6;389(1):70-3, 2009.



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57. **Lim S**. The Combination of Fasting Plasma Glucose and Glycosylated Hemoglobin as a Predictor for Type 2 Diabetes in Korean Adults (letter), **Korean Diabetes J 33:448~450, 2009**
58. Yu SH, Kim SH, Kim SY, Choi SH, **Lim S**, Chang YS, Lee HJ, Park YJ, Jang HC. Effects of 'Ubiquitous Healthcare' on the Ability of Self-Management in Elderly Diabetic Patients. **Korean Diabetes J 33:58~64, 2009**

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62. Kim JH, Bo YH, Hong ES, Ohn JH, Kim CH, Kim HW, Ahn HY, Yoon JW, Kang SM, Park YJ, Jang HC, **Lim S (corresponding author)**. Investigation of Sarcopenia and Its Association with Cardiometabolic Risk Factors in Elderly Subjects. **J Korean Geriatr Soc 14(3):121-130, 2010**

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