


## [Curriculum Vitae]

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<b>Institution</b>	Department of Internal Medicine, Seoul National University 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./FAX</b>	82-31-787-7035 / 82-31-787-4051	<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 (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 (Doctor of Public Health)
Mar. 2011 - Aug. 2012	Research fellow, Massachusetts General Hospital/Harvard Medical School, 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, Korea
Mar. 2001 - Apr. 2004	Epidemiology Intelligence Service Officer, Department of Quarantine, National Institute of Health, Korea
Aug. 2005 – Feb.2017	Assistant/Associate Professor, Division of Endocrinology, Seoul National University Bundang Hospital
Sep. 2017 – Present	Professor, Chief of Endocrinology Division, Department of Internal Medicine, Seoul National University Bundang Hospital
Mar, 2015 – Present	Executive Committee Member of Asia Pacific Society for Atherosclerosis and Vascular Disease (APSAVD)
Mar, 2015 – Present	Executive Board Member of International Atherosclerosis Society (IAS) Asia Pacific Federation

## © BRIEF BIOGRAPHY

Soo Lim, MD is division chief of Endocrinology and Metabolism and professor of medicine 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 250 scientific journals in these fields. He is an expert in managing patients with diabetes mellitus and also a well-known lecturer in many countries. He is the editor-in-chief of Journal of Obesity and Metabolic Syndrome (JOMES), an official journal of the Korean Society for the Study of Obesity and an editorial board member of many international journals including Journal of Clinical Endocrinology & Metabolism (JCEM) and Diabetes, Obesity and Metabolism (DOM).

## © 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, 2010
- The *Hamchoon* Academic Award from the department of Internal Medicine, Seoul National University College of Medicine, 2011
- The *Moonsuk* Research Award from the Korean Society for the Study of Obesity, 2012
- The Highest Scientific Impact Academic Award from the Seoul National University Bundang Hospital, 2012
- The *Namgok* Scientific Research Award from the Korean Endocrine Society, 2013
- The Academic Award from the Seoul National University Bundang Hospital, 2013, 2014, 2015, 2016
- The *Hamchoon* Scientific Research Award from the Seoul National University College of Medicine Alumni Association, 2016

### © 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.
6. **Soo Lim**, Eating a Balanced Diet: A Healthy Life through a Balanced Diet in the Age of Longevity. Korean Medical Association. Daehan Medical Book Publishing Inc., pp: 25-41. 2017. ISBN 979-11-5590-078-9

### © Patent

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 (>250 papers on diabetes, metabolic syndrome, obesity, dyslipidemia, and atherosclerosis)

#### [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.**

6. Moon MK, Ahn JH, Kim TY, Shinn WS, **Lim S**, Cho YM, Park KS, Kim SY, Lee HK. Correlation between Basal Insulin requirements and Daily Administered Insulin Dosage in Diabetes. **Korean Diabetes J 24: 552-559, 2000.**
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.**

**[2004]**

10. **Lim S**, Joung HJ, Shin CS, Lee HK, Kim HK, Shin EK, Kim HY, Lim MK, Cho SI. Body Composition Changes with Age have Gender Specific Impacts on Bone Mineral Density. **Bone 35:792-798, 2004**
11. **Lim S**, Choi HS, Shin HJ, Ahn JH, Baik JJ, Choi YH, Lee JK. Three cases of severe acute respiratory syndrome imported into South Korea. **The Korean Journal of Medicine. 67(6):655~662, 2004**
12. **Lim S**, Park KS, Metabolic syndrome and Peroxisome proliferator-activated receptor. **J Kor Soc Endocrinol 19:256-266, 2004.**
13. **Lim S**, Park SM, Choi HS, Kim DK, Kim HB, Yang BG, Lee JK. Transverse myelitis after measles and rubella vaccination. **Journal of Pediatrics and Child Health 40:583-584, 2004**

**[2005]**

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

**[2006]**

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.

**[2007]**

22. **Lim S**, Choi SH, Park YJ, Park KS, Lee HK, Jang HC, Cho NH, Boyd Metzger. Visceral Fatness and Insulin Sensitivity in Women with a Previous History of Gestational Diabetes Mellitus. **Diabetes Care** **30**:348-353, 2007

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

24. Cho NH, Jang HC, Choi SH, Kim HR, Lee HK, Chan J, **Lim S (corresponding author)**. Abnormal Liver Function Test Predicts Type 2 Diabetes: A Community-based Prospective Study. **Diabetes Care** **2007** **30**: 2566-2568

25. Park JH, **Lim S**, Lim JY, Kim KI, Han MK, Yoon IY, Kim JM, Chang YS, Chang CB, Chin HJ, Choi EA, Lee SB, Park YJ, Paik NM, Kim TK, Jang HC, Kim KW. An Overview of the Korean Longitudinal Study on Health and Aging, **Psychiatry Invest**, **4**:84-95. 2007

**[2008]**

26. **Lim S**, Jang HC, Park KS, Lee HK, Chung HR, Joung HJ, Cho SI. Changes in Metabolic Syndrome of Korean Children and Adolescents in the Period 1998 to 2001. **J Endocrinol Invest**.**31**:327-333, 2008

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.
29. **Lim S**, Koo BK, Cho SW, Kihara S, Funahashi T, Cho YM, Kim SY, Lee HK, Shimomura I, Park KS. Association of adiponectin and resistin with cardiovascular events in Korean patients with type 2 diabetes: the Korean Atherosclerosis Study (KAS). **Atherosclerosis** 196:398-404, 2008.
30. Oh JY, **Lim S\*(Co-first author)**, Kim DJ, Kim NH, Kim DJ, Moon SD, Jang HC, Cho YM, Song KH, Ahn CW, Sung YA, Park JY, Shin C, Lee HK, Park KS. A Report on the Diagnosis of Intermediate Hyperglycemia in Korea: A Pooled Analysis of Four Community-based Cohort Studies. **Diabetes Res Clin Pract** 80:463-468, 2008.
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
34. Choi SH, Lee YJ, Park YJ, Kim KW, Lee EJ, **Lim S**, Park DJ, Kim SE, Park KS, Jang HC, Cho BY. Retinol Binding Protein-4 Elevation is Associated with Serum TSH Level Independently of Obesity in Elderly Subjects with Normal Glucose Tolerance. **J Clin Endocrinol Metab** 93:2313-2318, 2008
35. Choi SH, Kwak SH, Youn BS, **Lim S**, Park YJ, Lee HW, Lee NS, Cho YM, Lee HK, Kim YB, Park KS, Jang HC, High Plasma Retinol Binding Protein-4 and Low Plasma Adiponectin Concentrations are Associated with Severity of Glucose Intolerance in Women with Previous Gestational Diabetes Mellitus. **J Clin Endocrinol Metab** 93:3142-3148, 2008
36. Kwak SH, Kim HS, Choi SH, **Lim S**, Cho YM, Park KS, Jang HC, Kim MY, Cho NH, Metzger BE. Subsequent Pregnancy after Gestational Diabetes Mellitus: Frequency and risk factors for recurrence in Korean women. **Diabetes Care** 31:1867-1871, 2008
37. Lee YJ, Jang HC, Kim EH, Kim HJ, Lee SB, Choi SH, **Lim S**, Park KU, Park YJ, Kim KW, Association between Apolipoprotein E Polymorphism and Type 2 Diabetes in Subjects Aged 65 or Over. **Korean Diabetes J** 32:30~37, 2008
38. Yu SH, Kwon MK, Lee YH, Kim HJ, Lee JJ, Park JH, Choi SH, **Lim S**, Park YJ, Kim KW, Jang HC, Effects of Eating Behaviors on Health-related Parameters in the Elderly Living in Seongnam City. **J Korean Geriatr Soc** 12:138-145, 2008
39. Cho BJ, Kim JT, Lee YJ, Yu SH, Choi SH, **Lim S**, Lim JY, Chang HJ, Park YJ, Jang HC. Alteration of Antioxidant Enzyme Gene Expression with Aging and Exercise in Fisher Rats. **J Korean Geriatr Soc** 12(3):146-152, 2008

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41. Park SJ, Kim DJ, Kim HJ, Park<sup>1</sup> SY, Seo<sup>1</sup> JA, Kim<sup>1</sup> NH, Choi SH, **Lim S**, Jang HC, Ko SH, Song KH, Ahn YB, Kim SK, Cho YW, Kang JG, Ihm SH, Park CY, Park SW, Shin DH, Kim YH, Lee KW, Effect of Valsartan on Blood Pressure and Urinary Albumin Excretion in Hypertensive Type 2 Diabetic Patients: An Open-Label, Multicenter Study. **Korean Diabetes J** 32:513~521, 2008

**[2009]**

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
43. **Lim S**, Son KR, Song IC, Park HS, Jin CJ, Jang HC, Park KS, Kim YB, Lee HK. Fat in liver/muscle correlates more strongly with insulin sensitivity in rats than abdominal fat. **Obesity** 17: 188-195, 2009
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
46. **Lim S**, Ahn BY, Chung SS, Park HS, Cho BJ, Kim M, Choi SH, Lee IK, Lee SW, Choi SJ, Chung CH, Cho YM, Lee HK, Park KS. Effect of a peroxisome proliferator activated receptor gamma sumoylation mutant on neointimal formation after balloon injury in rats. **Atherosclerosis** Oct;206(2):411-7, 2009
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.
53. Choi EK, Chun EJ, Choi SI, Chang SA, Choi SH, **Lim S**, Rivera JJ, Nasir K, Blumenthal RS, Jang HC, Chang HJ. Assessment of subclinical coronary atherosclerosis in asymptomatic patients with type 2 diabetes mellitus with single photon emission computed tomography and coronary computed tomography angiography. **Am J Cardiol.** Oct 1;104(7):890-6, 2009.
54. **Lim S**, Kim DJ, Jeong IK, Son HS, Chung, Koh GP, Lee DH, Won KC, Park JH, Park TS, Ahn JH, Kim JT, Park KG, Ko SH, Ahn YB, Lee IK. A Nationwide Survey about the Current Status of Glycemic Control and Complications in Diabetic Patients in 2006 - The Committee of the Korean Diabetes Association on the Epidemiology of Diabetes Mellitus. **Korean Diabetes J** 33:48~57, 2009
55. Kim TH, Kim DJ, **Lim S**, Jeong IK, Son HS, Chung CH, Koh GP, Lee DH, Won KC, Park JH, Park TS, Ahn JH, Kim JT, Park KG, Ko SH, Ahn YB, Lee IK. Prevalence of the Metabolic Syndrome in Type 2 Diabetic Patients. **Korean Diabetes J** 33:40~47, 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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60. **Lim S**, Kim JH, Yoon JW, Kang SM, Choi SH, Park YJ, Kim KW, Lim JY, Park KS, Jang HC. Sarcopenic Obesity: Prevalence and Association with Metabolic Syndrome in the Korean Longitudinal Study on Health and Aging (KLoSHA). **Diabetes Care** 2010 Jul;33:1652-4.
61. **Lim S**, Yoon JW, Choi SH, Park YJ, Lee JJ, Park JH, Lee SB, Kim KW, Lim JY, Kim YB, Park KS, Lee HK, Cho SI, Jang HC. Combined Impact of Adiponectin and Retinol-binding protein 4 on Metabolic Syndrome in Elderly People. **Obesity** 2010 Apr;18(4):826-32.
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
63. **Lim S**, Evaluation of Body Composition by Various Methods. **The Korean Journal of Obesity** 2010 19:155-158
64. Ko DH, **Lim S**, Song SH, Choi SH, Park YJ, Park KU, Jang HC, Song J. Performance Evaluation of the GlucoDr Plus Glucometer. **Diabetes Technol Ther.** 2010 Apr;12(4):307-12.
65. Lee HK, Cho YM, Kwak SH, **Lim S**, Park KS, Shim EB. Mitochondrial dysfunction and metabolic syndrome – looking for environmental factors. **Biochim Biophys Acta.** 2010 Mar;1800(3):282-289.
66. Park YJ, Lee EJ, Lee YJ, Choi SH, Park JH, Lee SB, **Lim S**, Lee WW, Jang HC, Cho BY, Woo JI, Kim KW. Subclinical hypothyroidism (SCH) is not associated with metabolic derangement, cognitive impairment, depression or poor quality of life (QoL) in elderly subjects. **Arch Gerontol Geriatr.** 2010 May;50:e68–e73.
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69. Moon MK, Lee YJ, Choi SH, **Lim S**, Yang EJ, Lim JY, Paik NJ, Kim KW, Park KS, Jang HC, Cho BY,

Park YJ. Subclinical Hypothyroidism has Little Influences on Muscle Mass or Strength in Elderly People. **J Korean Med Sci.** 2010 Aug;**25(8):1176-81.**

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74. **Lim S**, Despres JP, Koh KK. Prevention of atherosclerosis in overweight/obese patients. - In need of novel multi-targeted approaches-. **Circ J.** 2011 May;**75:1019-1027.**
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78. Sung KC\*, **Lim S\***, Rosenson RS. Hyperinsulinemia and homeostasis model assessment of insulin resistance as predictors of hypertension: a 5-year follow-up study of Korean sample. **Am J Hypertens.** 2011 Sep;**24(9):1041-5. (\*cofirst author)**

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