

## CURRICULUM VITAE

### **Personal Data**

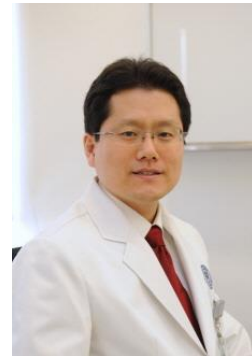
Name : Jin Gu Lee, M.D, PhD

Birth date and place:

May 17, 1972  
Korea

Present title & affiliation:

Professor  
Division of Thoracic Surgery  
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Citizenship

Republic of Korea

### **Education**

1992-1994	Premedical Course, Yonsei University, Seoul, Korea
1994-1998	M.D. Yonsei University College of Medicine, Seoul, Korea
2001-2006	Master in Medical Science Yonsei University College of Medicine, Seoul, Korea
2008-2013	PhD Yonsei University College of Medicine, Seoul, Korea

### **Post Graduate training**

1998-1999:	Intern, Severance Hospital Yonsei University, Seoul
1999-2003:	Resident in Thoracic and Cardiovascular Surgery, Severance Hospital, Seoul, Korea

**Academic & Professional appointments**

2003-2006:	Military Surgeon
2004 (April-September)	United Nation Military Observer as medical officer MINURSO (Western Sahara)
2006-2008	Clinical Fellow Division of Thoracic Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Hospital Yonsei University
2008-2009	Clinical and Research Assistant Professor Division of Thoracic Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Hospital Yonsei University
2009-2010	Clinical Assistant Professor Division of Thoracic, Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Hospital Yonsei University
2010-2014	Assistant Professor Division of Thoracic Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Hospital Yonsei University
2013-2014	Research Fellow Latner Thoracic Surgery Research Laboratories University Health Network, University of Toronto
2014-2015	Clinical Fellow, lung transplant program Department of Surgery University Health Network, University of Toronto
2014-2019	Associate Professor Division of Thoracic Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Hospital Yonsei University
2019-present	Professor Division of Thoracic Surgery, Department of Thoracic and Cardiovascular Surgery, Severance Hospital Yonsei University

**Licensure and Board Certifications**

Feb 1998	Korean License for Medical Doctor, No. 63805
Feb 2003	Korean Board of Thoracic and Cardiovascular Surgery, No. 867

**Academic activities**

2001-present	Member of Korean Society for Thoracic and cardiovascular surgery
2010-present	Member of The Korean association for thoracic surgical oncology
2012-present	Member of The Transplant Society Member of Korean Association for lung cancer
2013-present	Member of International society of heart and lung transplantation

Member of Korean transplant society  
Member of international association of lung cancer

**Publications: Web of Science (SCI or SCIE) Indexed Journal**

**First author**

1. Jin Gu Lee, Chang Young Lee, In Kyu Park, Dae Joon Kim, Seong Yong Park, Kil Dong Kim, Kyung Young Chung. Number of Metastatic Lymph Nodes in Resected Non-Small Cell Lung Cancer Predicts Patient Survival. *Ann Thorac Surg*.2008; 85:211–215.
2. Jin Gu Lee, Chang Young Lee, Dae Joon Kim, Kyung Young Chung, In Kyu Park. Non-small cell lung cancer with ipsilateral pulmonary metastases: prognosis analysis and staging assessment. *Eur J Cardiothorac Surg* 2008; 33:480-485.
3. Jin Gu Lee, Chang Young Lee, In Kyu Park, Dae Joon Kim, Sang Ho Cho, Kil Dong Kim, Kyung Young Chung. The Prognostic Significance of Multiple Station N2 in Patients with Surgically Resected Stage IIIA N2 Non-small Cell Lung Cancer. *J Korean Med Sci* 2008; 23:604-608.
4. Jin Gu Lee, Chang Young Lee, Mi Kyung Bae, In Kyu Park, Dae Joon Kim, Kil Dong Kim, Kyung Young Chung. Validity of International Association for the Study of Lung Cancer Proposals for the Revision of N Descriptors in Lung Cancer. *J Thorac Oncol* 2008;3(12):1421-1426.
5. Jin Gu Lee, Byoung Chul Cho, Mi Kyung Bae, Chang Young Lee, In Kyu Park, Dae Joon Kim, Song Vogue Ahn, Kyung Young Chung. Preoperative C-reactive protein levels are associated with tumor size and lymphovascular invasion in resected non-small cell lung cancer. *Lung Cancer* 2009; 63:106-110.
6. Jin Gu Lee, Chang Young Lee, In Kyu Park, Dae Joon Kim, Joon Chang, Se Kyu Kim, Kyung Young Chung. Pulmonary aspergilloma: Analysis of prognosis in relation to symptoms and treatment. *J Thorac Cardiovasc Surg*. 2009;138(4):820-5.
7. Jin Gu Lee, Byoung Chul Cho, Mi Kyung Bae, Chang Young Lee, In Kyu Park, Dae Joon Kim, Kyung Young Chung. Thoracoscopic Lobectomy Is Associated With Superior Compliance With Adjuvant Chemotherapy in Lung Cancer. *Ann Thorac Surg* 2011;91:344-349.
8. Jin Gu Lee, Sewha Kim, Hyo Sup Shim. Napsin A is an independent prognostic factor in surgically resected adenocarcinoma of the lung. *Lung Cancer*. 2012;77:156-161.
9. Jin Gu Lee, Chang Young Lee, Mi Kyung Bae, Chun Sung Byun, Dae Joon Kim, Kyung Young Chung. Changes in the Demographics and Prognoses of Patients with Resected Non-Small Cell Lung Cancer: A 20-Year Experience at a Single Institution in Korea. *J Korean Med Sci* 2012; 27: 1486-1490.
10. Jin Gu Lee, Ju Hye Shin, Hyo Sup Shim, Chang Young Lee, Dae Joon Kim, Young Sam Kim, Kyung Young Chung. Autophagy contributes to the chemo-resistance of non-small cell lung cancer in hypoxic conditions. *Respiratory Research* 2015;16:138
11. Lee JG, Kim SY, Kim YT, Lee HJ, Park S, Choi SM, Kim DH, Cho WH, Yeo HJ, Park S, Choi SH, Hong SB, Shim TS, Jo KW, Jeon K, Jeong BH, Paik HC; Korean Organ

Transplantation Registry Study Group. First Report of the Korean Lung Transplantation Registry. *Transplant Proc.* 2018 Nov;50(9):2759-2763.

12. Lee JG, Kim N, Narm KS, Suh JW, Hwang J, Paik HC, Yoo YC. The Effect of Additional Stepwise Venous Inflow on Differential Hypoxia of Veno-Arterial Extracorporeal Membrane Oxygenation. *ASAIO J.* 2020 Jul;66(7):803-808.

### Corresponding Author

1. Chang Young Lee, Mi Kyung Bae, In Kyu Park, Dae Joon Kim, Jin Gu Lee, Jin Sub Choi, Kwang-Hyub Han, Kyung Young Chung. Surgical Resection for Pulmonary Metastasis From Hepatocellular Carcinoma: Analysis of Prognosis in Relation to Primary Control. *J Surg Oncol* 2010;101(3):239-43.

2. Hyo Sup Shim, Chun Sung Byun, Mi Kyung Bae, Chang Young Lee, In Kyu Park, Dae Joon Kim, Kyung Young Chung, Jin Gu Lee. Prognostic effect of stromal lymphocyte infiltration in thymic carcinoma. *Lung cancer.* 2011;74:338-343.

3. Young Sam Kim, Ju Hye Shin, Mi Kyung Bae, Chang Young Lee, Dae Joon Kim, Kyung Young Chung, Jin Gu Lee. Autophagy activity in pulmonary metastatic tumor tissues from colorectal cancer: a pilot study. *Yonsei Med J.* 2014 Nov;55(6):1484-8.

4. Yu WS, Paik HC, Haam SJ, Lee CY, Nam KS, Jung HS, Do YW, Shu JW, Lee JG. Transition to routine use of venoarterial extracorporeal oxygenation during lung transplantation could improve early outcomes. *J Thorac Dis.* 2016 Jul;8(7):1712-20

5. Lee S, Paik HC, Haam SJ, Lee CY, Nam KS, Jung HS, Do YW, Shu JW, Lee JG. Sarcopenia of thoracic muscle mass is not a risk factor for survival in lung transplant recipients. *J Thorac Dis.* 2016 Aug;8(8):2011-7

6. Lee S, Lee JG, Lee CY, Kim DJ, Chung KY. Pulmonary fissure development is a prognostic factor for patients with resected stage I lung adenocarcinoma. *J Surg Oncol.* 2016 114:848-852

7. Yu WS, Lee CY, Park SY, Suh JW, Narm KS, Kim DJ, Chung KY, Lee JG. Prognostic factors for resected non-small cell lung cancer in patients with type 2 diabetes mellitus. *J Surg Oncol.* 2018 Apr;117(5):985-993.

8. Jung HS, Lee JG, Lee CY, Kim DJ, Chung KY. Validation of the T descriptor in the new 8th TNM classification for non-small cell lung cancer. *J Thorac Dis.* 2018 Jan;10(1):162-167

9. Kang HN, Choi JW, Shim HS, Kim J, Kim DJ, Lee CY, Hong MH, Park SY, Park AY, Shin EJ, Lee SY, Pyo KH, Yun MR, Choi HM, Lee SS, Kim SY, Lee H, Paik S, Cho BC, Lee JG, Kim HR. Establishment of a platform of non-small-cell lung cancer patient-derived xenografts with clinical and genomic annotation. *Lung Cancer.* 2018 Oct;124:168-178.

10. Suh JW, Park SY, Lee CY, Song SH, Kim DJ, Paik HC, Chung KY, Hong MH, Kim HR, Cho BC, Lee JG. Neoadjuvant therapy for thymic neoplasms reduces tumor volume per 3D-reconstructed images but does not improve the complete resection rate. *PLoS One.* 2019 Mar 26;14(3):e0214291

11. Yu WS, Suh JW, Song SH, Paik HC, Kim SY, Park MS, Lee JG. The lung allocation score could evaluate allocation systems in countries that do not use the score. PLoS One. 2019 Apr 3;14(4):e0214853.
12. Lee S, Lee JG. The significance of pulmonary fissure completeness in video-assisted thoracoscopic surgery. J Thorac Dis. 2019 Mar;11(Suppl 3):S420-S421.
13. Suh JW, Paik HC, Yu WS, Song SH, Park MS, Kim SY, Lee JG. Effect of sarcopenic overweight on lung transplant based on 3D reconstructed psoas muscle mass. Ann Thorac Surg. 2019 June;107(6):1626-1631
14. Yu WS, Kim SY, Kim YT, Lee HJ, Park S, Choi SM, Kim DH, Cho WH, Yeo HJ, Park SI, Choi SH, Hong SB, Shim TS, Jo KW, Jeon K, Jeong BH, Paik HC, Lee JG Characteristics of Lung Allocation and Outcomes of Lung Transplant according to the Korean Urgency Status. Yonsei Med J 2019 Oct;60(10):992-997
15. Lee SC, Lee JG, Lee SH, Kim EY, Chang J, Kim DJ, Paik HC, Chung KY, Jung JY. Prediction of postoperative pulmonary complications using preoperative controlling nutritional status (CONUT) score in patients with resectable non-small cell lung cancer. Sci Rep. 2020 Jul 24;10(1):
16. Song SH, Suh JW, Yu WS, Byun GE, Park SY, Lee CY, Kim DJ, Paik HC, Chung KY, Lee GD, Choi S, Kim HR, Kim YH, Kim DK, Park SI, Cho JH, Kim HK, Choi YS, Kim J, Zo JI, Shim YM, Hwang Y, Park S, Park IK, Kang CH, Kim YT, Lee JG. The role of postoperative radiotherapy in stage II and III thymoma: A Korean multicenter database study J Thorac Dis. 2020 Nov;12(11):6680-6689
17. Kim HE, Paik HC, Jeong SJ, Park MS, Kim SY, Lee JG. Basiliximab Induction with Delayed Calcineurin Inhibitors for High-Risk Lung Transplant Candidates Yonsei Med J. 2021 Feb;62(2):164-171

#### Other publications

Jin Gu Lee ; Moo Suk Park ; Su Jin Jeong ; Song Yee Kim ; Sungwon Na ; Jeongmin Kim ; Hyo Chae Paik. Critical care before Lung Transplantation. Acute and Critical Care 2018; 33(4): 197-205.

#### Corresponding author

1. Lee S, Lee CY, Kim DJ, Hong DJ, Lee JG, Chung KY. Pathologic correlation of serum carcinoembryonic antigen and cytokeratin 19 fragment in resected nonsmall cell lung cancer. Korean J Thorac Cardiovasc Surg. 2013 Jun;46(3):192-6
2. Do YW, Lee CY, Lee S, Kim HE, Kim BJ, Lee JG. Successful Management of Delayed Esophageal Rupture with T-Tube Drainage Using Video-Assisted Thoracoscopic Surgery. Korean J Thorac Cardiovasc Surg. 2016 Dec;49(6):478-480

3. Suh JW, Shin HJ, Lee CY, Song SH, Narm KS, Lee JG. Surgical Repair of a Traumatic Tracheobronchial Injury in a Pediatric Patient Assisted with Venoarterial Extracorporeal Membrane Oxygenation. *Korean J Thorac Cardiovasc Surg.* 2017 Oct;50(5):403-406
4. Kim HE, Paik HC, Kim SY, Park MS, Lee JG. Preoperative Corticosteroid Use and Early Postoperative Bronchial Anastomotic Complications after Lung Transplantation. *Korean J Thorac Cardiovasc Surg.* 2018 Dec;51(6):384-389.
5. Yang YH, Lee S, Lee CY, Kim DJ, Lee JG, Chung KY. Factors Affecting the Number of Stapler Cartridges in Complete Video-Assisted Thoracoscopic Surgery Lobectomy for Non-small Cell Lung Cancer. *Korean J Thorac Cardiovasc Surg.* 2020 Apr 5;53(2):53-57. doi: 10.5090/kjtcs.2020.53.2.53.