

Curriculum Vitae

| | | |
|---|--|---|
| Name | Ho Yun Lee |  |
| Current Position & Affiliation | <p>Academic appointments Associate Professor, Radiology, Sungkyunkwan University School of Medicine, Seoul, Korea</p> <p>Hospital appointments Associate Professor in Chest Section, Department of Radiology, Samsung Medical Center</p> | |
| Country | Korea | |

Educational Background

MD graduation in 2001 Hanyang University,
PhD 2012 Seoul National University

Professional Experience

2008.9-2009.8 Research Scholar in Thoracic Radiology,
National Jewish Health, Denver, USA

2015.9-2016.8 Research Scholar in Thoracic Radiology,
Kobe University Hospital, Japan

Professional Organizations

Fleischner Society member (2019-)

Main Scientific Publications

150 SCI/SCIE research articles & 105 SCI/SCIE research articles as first/corresponding author (H-index = 41)

1. Radiomics and imaging genomics for thoracic oncology

Lee G, Lee HY(corresponding author), Park H, Schiebler ML, van Beek EJR, Ohno Y, Seo JB, Leung A. Radiomics and its emerging role in lung cancer research, imaging biomarkers and clinical management: State of the art. *Eur J Radiol.* 2017 Jan;86:297-307.

Song SH, Park H, Lee G, Lee HY(corresponding author), Sohn I, Kim HS, Lee SH, Jeong JY, Kim J, Lee KS, Shim YM. Imaging phenotyping using radiomics approach to predict micropapillary pattern within a lung adenocarcinoma. *J Thorac Oncol.* 2017 Apr;12(4):624-632.

Lee G, Park H, Sohn I, See SH, Song SH, Kim H, Lee KS, Shim YM, Lee HY(corresponding author). Comprehensive CT Radiomics Analysis of Lung Adenocarcinoma for Prognostication. *Oncologist* 2018 Jul;23(7):806-813.

2. Multimodal imaging approach through CT, PET and thoracic MRI

Kim J, Ryu SY, Lee SH, Lee HY(corresponding author), Park H. Clustering approach to identify intratumour heterogeneity combining FDG PET and diffusion-weighted MRI in lung adenocarcinoma. *Eur Radiol.* 2019 Jan 29(1):468-475.

Lee HY, Lee SW, Lee KS, Jeong JY, Choi JY, Kwon OJ, Song SH, Kim EY, Kim J, Shim YM. Role of CT and PET Imaging in Predicting Tumor Recurrence and Survival in Patients with Lung Adenocarcinoma: A Comparison with the International Association for the Study of Lung Cancer/American Thoracic Society/European Respiratory Society Classification of Lung Adenocarcinoma. *J Thorac Oncol.* 2015 Dec;10(12):1785-94.

Lee HY, Jeong JY, Lee KS, Yi CA, Kim BT, Kang H, Kwon OJ, Shim YM, Han J. Histopathology of lung adenocarcinoma based on new IASLC/ATS/ERS classification: prognostic stratification with functional and metabolic imaging biomarkers. *J Magn Reson Imaging.* 2013 Oct;38(4):905-913.

3. Percutaneous lung biopsy for genomic study and imaging-based targeted liquid biopsy

Yoon HJ, Lee HY(corresponding author), Lee KS, et al. Repeat biopsy for mutational analysis of non-small cell lung cancers resistant to previous chemotherapy: adequacy and complications. *Radiology* 2012;265:939-948