

# LINGLING HUANG

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## EDUCATION

**Washington University School of Medicine in St. Louis, MO, U.S.A**  
**Doctor of Medicine** May 2018  
**Alpha Omega Alpha (AOA) Honor Medical Society**

**Duke University, Durham, NC, U.S.A**  
**Doctor of Philosophy in Molecular Cancer Biology** May 2014  
Certificate in Developmental and Stem Cell Biology May 2014

**Tsinghua University, Beijing, China**  
Bachelor of Science in Biological Sciences and Biotechnology July 2009

**Tohoku University, Sendai, Japan**  
Certificate of Summer Exchange Program August 2008

## PUBLICATIONS

1. **Huang L**, Shen Y, Onaitis M. Comparative Study of Anatomic Lung Resection by Robotic- vs Video-Assisted Thoracoscopic Surgery. *Journal of Thoracic Disease*, accepted 2019.
2. Asselin-Labat ML, Rampersad R, Xu X, Ritchie ME, Michalski J, **Huang L**, and Onaitis MW. High-LET Radiation Increases Tumor Progression in a K-Ras-Driven Model of Lung Adenocarcinoma. *Radiation Research*, Nov 2017. 188(5), 562-570.
3. Xu X, **Huang L**, Futtner C, Schwab B, Rampersad R, Lu Y, Sporn T, Hogan B, and Onaitis M. The cell of origin and subtype of K-Ras-induced lung tumors are modified by Notch and Sox2. *Genes & Development*, 2014. 28: 1929-1939.
4. **Huang L**, Onaitis M, Minimally invasive and robotic Ivor Lewis esophagectomy. *J Thorac Dis* 2014;6(S3):S314-S321.
5. **Huang L**, Walter V, Hayes DN, Onaitis M, Hedgehog-GLI Signaling Inhibition Suppresses Tumor Growth in Squamous Lung Cancer. *Clinical Cancer Research*, March 15, 2014; 20(6): 1566-75.
6. **Huang L**, Walter V, Hayes N, Onaitis M, GLI inhibition as a new strategy to treat lung squamous cell carcinoma (abstract). In: *Proceedings of the 2014 AACR-IASLC Joint Conference on the Molecular Origins of Lung Cancer; 2014 Jan 6-9; San Diego, California. Philadelphia (PA): AACR; Clinical Cancer Research* 2014; 20(2 Suppl): Abstract nr A25

7. **Huang L**, Walter V, Hayes N, Onaitis M, Inhibition of HEDGEHOG-GLI signaling suppresses tumor progression in squamous lung cancer (abstract). *In: Proceedings of the 2013 AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics; 2013 Oct 19-23; Boston, Massachusetts. Philadelphia (PA): AACR; Mol Cancer Ther 2013; 12(11 Suppl): Abstract nr B236*

8. Wang L, Li Z, Qian W, Guo W, Gao X, **Huang L**, Wang H, Zhu H, Wu JW, Wang D, Liu D, Arabidopsis purple acid phosphatase AtPAP10 is predominantly associated with the root surface and plays an important role in plant tolerance to phosphate limitation. *Plant Physiology November 2011 vol. 157 no. 3 1283-1299*

## **HONORS/ AWARDS**

1. Glasgow-Rubin Citation for Academic Achievement at Washington University School of Medicine, American Medical Women's Association, 2018
2. Member of Alpha Omega Alpha (AOA) Honor Medical Society, Washington University School of Medicine in St. Louis, 2017
3. Dr. Richard S. Brookings Medical School Prize, Washington University School of Medicine in St. Louis, 2017
4. American Association for Thoracic Surgery (AATS), Member for a Day Program/ Travel Award, AATS Graham Foundation, 2016
5. American Association for Thoracic Surgery Summer Intern Scholarship in Cardiothoracic Surgery, AATS Graham Foundation, 2015
6. Dean's Fellowship, Washington University School of Medicine in St. Louis, 2015
7. The Carl F. and Gerty T. Cori Prize in Biochemistry, Washington University School of Medicine in St. Louis, 2015
8. The Edmund V. Cowdry Prize in Histology, Washington University School of Medicine in St. Louis, 2015
9. The Antoinette Frances Dames Award in Cell Biology and Physiology, Washington University School of Medicine in St. Louis, 2015
10. Distinguished Student Scholarship, Washington University School of Medicine in St. Louis, 2014-2018
11. DeNardo Summer Research Scholarship, Washington University School of Medicine in St. Louis, 2014
12. Duke University Graduate School Fellowship, 2009-2011
13. Fellowship of Tsinghua University Innovative Talent Cultivating Program, 2008-2009

14. Junior Scholarship for Academic Excellence, Tsinghua University, 2008
15. Sophomore Scholarship for Academic Excellence, Tsinghua University, 2007
16. Top Freshman Scholarship, Tsinghua University, 2005

## **CONFERENCES/ PRESENTATIONS**

1. Oral presentation: 2017 International Society For Minimally Invasive Cardiothoracic Surgery Annual Scientific Meeting, June 09 2017, Rome, Italy.
2. Invited Poster Presentation for AATS Summer Intern Scholarship: 2016 AATS Annual Meeting; May 14-18 2016; Baltimore, Maryland.
3. Invited Poster Presentation: 2014 AACR-IASLC Joint Conference on the Molecular Origins of Lung Cancer; 2014 Jan 6-9; San Diego, California.
4. Invited Poster Presentation: 2013 AACR-NCI-EORTC International Conference on Molecular Targets and Cancer Therapeutics; 2013 Oct 19-23; Boston, Massachusetts.

## **PEER REVIEW FOR ACADEMIC JOURNALS**

1. Thoracic Cancer
2. Medical Science Monitor
3. Chinese Journal of Lung Cancer
4. Open Medicine
5. American Journal of Case Reports
6. Cancer Prevention Research
7. Experimental and Therapeutic Medicine
8. Journal of International Medical Research
9. Plos One