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Dr. Kazuhiro Yasufuku

Degrees

1998/4 - 2002/3	Doctorate, PhD, Chiba University Degree Status: Completed
1988/4 - 1992/1	Bachelor's, MD, Chiba University Degree Status: Completed

Credentials

2014/1	Diplomate in Interventional Pulmonology, American Association for Bronchology and Interventional Pulmonology
2008/1	CPSO, Toronto General Hospital
2002/1	Board Certification, Japanese Association for Thoracic Surgery
1999/1	Board Certification, Japan Society for Respiratory Endoscopy
1998/1	Board Certification, Japan Surgical Society

Recognitions

2021/10	Distinguished CHEST Educator Designation 2021 The American College of Chest Physicians International Conference 2021.
2021/3 - 2026/2	F.G. Pearson – R.J. Ginsberg Chair in Thoracic Surgery University Health Network, University of Toronto, UHN Foundation
2020/10	Distinguished CHEST Educator Designation 2020 The American College of Chest Physicians International Conference 2020. Virtual.
2020/3	Inaugural William Coco Chair in Surgical Innovation for Lung Cancer University Health Network, University of Toronto, Toronto General and Western Hospital Foundation
2020/1	Japan Medical Research and Development Grand Prize, The Minister of Health, Labour and Welfare Award. "Development of EBUS-TBNA System". 3rd Japan Medical Research and Development Grand Prize

Employment

2021/6	Senior Scientist, Latner Thoracic Surgery Research Laboratory Toronto General Hospital Research Institute, University Health Network
2021/3	Professor and Chair Thoracic Surgery, Toronto General Hospital, University of Toronto

2021/3	Head, Division of Thoracic Surgery University Health Network
2020/7	Cross Appointed Faculty Institute of Biomedical Engineering, Surgery, TGHRI, University of Toronto
2019/7	Professor Division of Thoracic Surgery, Surgery, University of Toronto
2017/9	Deputy Head, Director of Surgical Innovation and Education, Division of Surgical Oncology University Health Network
2016/1	Director of Endoscopy University Health Network
2015/12	Faculty Institute of Medical Science, Surgery, University of Toronto
2012/5	Affiliated Faculty Techna Institute
2010/6	Director, Interventional Thoracic Surgery Program University Health Network
2008/9	Staff Surgeon Toronto General Hospital
2008/9	Staff Surgeon The Hospital for Sick Children
2014/10 - 2021/6	Scientist, Latner Thoracic Surgery Research Laboratory Toronto General Hospital Research Institute, University Health Network
2013/6 - 2020/6	Cross Appointed Faculty Institute of Biomaterials and Biomedical Engineering, Surgery, University of Toronto
2013/7 - 2019/6	Associate Professor Division of Thoracic Surgery, Surgery, University of Toronto
2008/9 - 2013/6	Assistant Professor Division of Thoracic Surgery, Surgery, University of Toronto
2007/4 - 2008/8	Assistant Professor of Surgery Department of Thoracic Surgery, Graduate School of Medicine, Chiba University
2003/10 - 2008/8	Co-director, Interventional Pulmonology Chiba University Hospital
2003/10 - 2007/3	Research Associate Department of Thoracic Surgery, Graduate School of Medicine, Chiba University
2003/4 - 2003/9	Staff Surgeon in Thoracic Surgery Chiba Cancer Center
1996/4 - 1998/3	Staff Surgeon in Thoracic Surgery Matsudo Municipal Higashi Hospital
1995/4 - 1996/3	Medical Staff in Thoracic Surgery Chiba Cancer Center

Affiliations

The primary affiliation is denoted by (*)

(*) 2008/9 Staff Surgeon, Thoracic Surgery, Toronto General Hospital

Research Funding History

Awarded [n=14]

2023/1 - 2027/12 Co-applicant	Improving Detection of Early Lung cancer in a diverse population (IDEAL) Funding Sources: Canadian Cancer Society Breakthrough Team Grant Total Funding - 5,472,575 Funding Competitive?: Yes
2021/10 - 2024/9 Co-investigator	First-in-Human Porphysome Nanotechnology for Precision Tumour Ablation and Surgical Guidance Funding Sources: OICR Clinical Translation Pathway CATA Funding Opportunity Clinical Translation Pathway CATA Funding Opportunity Total Funding - 1,130,803 Funding Competitive?: Yes
2017/7 - 2024/6 Co-investigator	Porphyrin Nanomedicine for Cancer Imaging and Therapy Funding Sources: Canadian Institutes of Health Research (CIHR) Foundation Grant Total Funding - 3,750,000 Funding Competitive?: Yes
2023/1 - 2023/12 Principal Investigator	Establishment of lung cancer organoids using EBUS-TBNA specimens and insight of resistance mechanism to targeted therapy Funding Sources: Princess Margaret Cancer Foundation (The) Division of Surgical Oncology Established Investigator Award Total Funding - 50,000 Funding Competitive?: Yes
2018/7 - 2023/6 Principal Investigator	Minimally Invasive Transbronchial Approach for Nanotechnology-mediated Photodynamic Therapy of Peripheral Lung Cancer. Funding Sources: National Sanitarium Association Innovative Research Program. Total Funding - 1,000,000 Funding Competitive?: Yes
2018/4 - 2023/3 Principal Investigator	Improving lung cancer patient bronchoscopy efficiency through a novel pairing of biosensors with EBUS-TBNA Funding Sources: Canadian Institutes of Health Research (CIHR) Project Grant Total Funding - 688,500 Funding Competitive?: Yes
2022/1 - 2022/12 Principal Applicant	Dual-Modality Lung Sentinel Node Mapping in Canine Lung Cancer Patients: A Pilot Study Funding Sources: Princess Margaret Cancer Foundation Division of Surgical Oncology Innovations in Translational and Basic Science Research Grant

2021/4 - 2022/3 Co-applicant	Total Funding - 50,000 Funding Competitive?: Yes Real-Time AI Assisted Interventional Lung Procedure, Program: INOVAIT Spring 2021 Funding Sources: INOVAIT Spring 2021 Funding Round Total Funding - 85,034 Funding Competitive?: Yes Principal Applicant : Kam Kafi
2021/3 - 2022/2 Co-applicant	Virtual Rapid Assessment of Complex Pleural Effusion (RACE) Program Funding Sources: UHN Physician Council Quality & Safety, Program: 2021 UHN Physician QI Grant Total Funding - 10,000 Funding Competitive?: Yes Principal Applicant : Dr. Kasia Czarnecka
2016/2 - 2021/1 Principal Investigator	Ultra-minimally invasive multi-modal image guided therapeutics of lung cancer Funding Sources: Canadian Cancer Society Impact Grant Total Funding - 1,250,000 Funding Competitive?: Yes
2020/1 - 2020/12 Principal Investigator	Eye Tracking in the Operating Room. Division of Surgical Oncology, UHN Funding Sources: Division of Surgical Oncology, UHN DSO GTx Innovation Competition Total Funding - 30,000 Funding Competitive?: Yes
2020/2 - 2020/9 Co-applicant	Improving Preoperative Lung Cancer Staging through the Canada Lymph Node Project: A Pan-Canadian Multi-Centered Crossover Study Funding Sources: Academic Health Sciences Centres of Ontario HAHSO AFP Innovation Grant Total Funding - 197,865 Funding Competitive?: Yes Principal Applicant : Dr. Wael Hanna
2019/8 - 2020/7 Principal Applicant	Enhancing sentinel lymph node mapping in lung cancer surgery using a novel liposome-based dual-modality nanoparticle. Funding Sources: Canadian Cancer Society Research Institute (CCSRI) Innovation Grant Total Funding - 199,428 Funding Competitive?: Yes
2019/2 - 2020/1 Principal Applicant	The Toronto Interventional Thoracic Surgery Training Course. Source: Division of Surgical Oncology, UHN, Program: DSO Educational Grant. Funding Sources: University Health Network (Toronto, ON)

Division of Surgical Oncology, DSO Educational Grant
 Total Funding - 20,000
 Funding Competitive?: Yes

Publications

Journal Articles

1. Ishiwata T, Yasufuku K. (2024). Artificial intelligence in interventional pulmonology. *Curr Opin Pulm Med*. Jan 1(30(1)): 92-98.
2. McGrath S, Shen YJ, Aragaki M, Motooka Y, Koga T, Gregor A, Bernards N, Cherin E, Demore CEM, Yasufuku K, Matsuura N. (2024). Imaging Microbubbles With Contrast-Enhanced Endobronchial Ultrasound. *Ultrasound Med Biol*. Jan(50(1)): 28-38.
3. Ishiwata T, Hiraishi Y, Bernards N, Sata Y, Gregor A, Aragaki M, Yasufuku K. (2023). Transbronchial real-time lung tumor localization with folate receptor-targeted near-infrared molecular imaging: A proof of concept study in animal models. *J Thorac Cardiovasc Surg*. Jun(165(6)): e240-e251.
4. Castaño LU, Mirsanaye K, Kontenis L, Krouglov S, Žurauskas E, Navab R, Yasufuku K, Tsao MS, Akens MK, Wilson BC, Barzda V. (2023). Wide-Field Stokes Polarimetric Microscopy for Second Harmonic Generation Imaging. *J Biophotonics*. Jan 18(e202200284): Epub ahead of print.
5. Kazlovich K, Donahoe LL, Yasufuku K, Wang SX, Marshall MB. (2023). Rapid Prototyping Techniques for the Development of a Take-Home Surgical Anastomosis Simulation Model. *J Surg Educ*. Jul(80(7)): 1012-1019.
6. Effat A, Bernards N, Gregor A, Young EWK, Yasufuku K, Weersink RA. (2023). Laser interstitial thermal therapy of lung lesions near large vessels: a numerical study. *Biomed Phys Eng Express*. Mar 29(9(3)): Epub ahead of print.
7. Lou J, Aragaki M, Bernards N, Chee T, Gregor A, Hiraishi Y, Ishiwata T, Leung C, Ding L, Kitazawa S, Koga T, Sata Y, Ogawa H, Chen J, Kato T, Yasufuku K, Zheng G. (2023). Repeated photodynamic therapy mediates the abscopal effect through multiple innate and adaptive immune responses with and without immune checkpoint therapy. *Biomaterials*. Jan;292: 121918.
8. Gregor A, Sata Y, Hiraishi Y, Ishiwata T, Aragaki M, Kitazawa S, Koga T, Ogawa H, Bernards N, Yasufuku K. (2023). Preclinical feasibility of bronchoscopic fluorescence-guided lung sentinel lymph node mapping. *J Thorac Cardiovasc Surg*. Jan;165(1): 337-350.
9. Al Zaidi M, Wright GM, Yasufuku K. (2023). Suggested robotic-assisted thoracic surgery training curriculum. *J Thorac Dis*. Feb 28(15(2)): 791-798.
10. Patel YS, Baste JM, Shargall Y, Waddell TK, Yasufuku K, Machuca TN, Xie F, Thabane L, Hanna WC. (2023). Robotic Lobectomy Is Cost-effective and Provides Comparable Health Utility Scores to Video-assisted Lobectomy: Early Results of the RAVAL Trial. *Ann Surg*. Dec(278(6)): 841-849.
11. Ishiwata T, Sage AT, Fujino K, Mohammed N, Inage T, Bernards N, Keshavjee S, Yasufuku K. (2023). A Biomarker-Based Approach for the Determination of Sample Adequacy During Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration: A Proof of Concept Study. *Chest*. Jan;163(1): 255-258.
12. Dunne B, Pozniak J, Campo-Canaveral de la Cruz JL, Lemaitre P, Ma J, Pierre AF, Yasufuku K, de Perrot M, Donahoe LL, Waddell TK, Keshavjee S, Cypel M, Yeung JC. (2023). Ex vivo lung evaluation of single donor lungs when the contralateral lung is rejected increases safe use. *J Thorac Cardiovasc Surg*. Feb;165(2): 526-531.
13. Savonitto E, Yasufuku K, Wallace AM. (2023). Robotic segmentectomy for early-stage lung cancer. *Front Surg*. Mar 23(10): 1090080.

14. García-Pardo M, Czarnecka-Kujawa K, Law JH, Salvarrey AM, Fernandes R, Fan ZJ, Waddell TK, Yasufuku K, Liu G, Donahoe LL, Pierre A, Le LW, Gunasegaran T, Ghumman N, Shepherd FA, Bradbury PA, Sacher AG, Schmid S, Corke L, Feng J, Stockley T, Pal P, Rogalla P, Pipinikas C, Howarth K, Ambassador B, Mezquita L, Tsao MS, Leighl NB. (2023). Association of Circulating Tumor DNA Testing Before Tissue Diagnosis With Time to Treatment Among Patients With Suspected Advanced Lung Cancer: The ACCELERATE Nonrandomized Clinical Trial. *JAMA Netw Open*. Jul 3(6(7)): e2325332.
15. Altorki N, Wang X, Kozono D, Watt C, Landrenau R, Wigle D, Port J, Jones DR, Conti M, Ashrafi AS, Liberman M, Yasufuku K, Yang S, Mitchell JD, Pass H, Keenan R, Bauer T, Miller D, Kohman LJ, Stinchcombe TE, Vokes E. (2023). Lobar or Sublobar Resection for Peripheral Stage IA Non-Small-Cell Lung Cancer. *N Engl J Med*. Feb 9;(338(6)): 489-498.
16. Saddoughi SA, Dunne B, Campo-Canaveral de la Cruz JL, Lemaitre P, Diaz Martinez JP, Martinu T, Donahoe L, de Perrot M, Pierre AF, Yasufuku K, Waddell TK, Chaparro C, Cypel M, Keshavjee S, Yeung JC. (2023). Extending the age criteria of lung transplant donors to 70+ years old does not significantly affect recipient survival. *J Thorac Cardiovasc Surg*. Aug 3: S0022-5223(23)00648-.
17. Bade BC, Faiz SA, Ha DM, Tan M, Barton-Burke M, Cheville AL, Escalante CP, Gozal D, Granger CL, Presley CJ, Smith SM, Chamberlaine DM, Long JM, Malone DJ, Pirl WF, Robinson HL, Yasufuku K, Rivera MP. (2023). Cancer-related Fatigue in Lung Cancer: A Research Agenda: An Official American Thoracic Society Research Statement. *Am J Respir Crit Care Med*. Mar 1;(207(5)): e6-e28.
18. Donahoe LL, Cypel M, de Perrot M, Yeung J, Wang S, Pierre A, Waddell TK, Yasufuku K, Keshavjee S. (2023). Outcomes of lung transplantation from donors with a history of substance abuse. *J Thorac Cardiovasc Surg*. Jan;165(1): 384-395.
19. Tsitsias T, Yasufuku K, Pierre A, Leighl N, Cho J, Waddell TK, Darling G, Cypel M, Donahoe L, Yeung J, Keshavjee S, de Perrot M. (2023). Influence of anterior tumor location on survival after resection of lung cancer invading the thoracic inlet (Pancoast tumors). *J Thorac Cardiovasc Surg*. May(165(5)): 1710.
20. Sata Y, Aragaki M, Inage T, Bernards N, Gregor A, Kitazawa S, Yokote F, Koga T, Ogawa H, Hiraishi Y, Ishiwata T, Effat A, Kazlovich K, Chan H, Yoshino I, Yasufuku K. (2023). Assessment of effectiveness and safety of thrombolytic therapy to pulmonary emboli by endobronchial ultrasound-guided transbronchial needle injection. *JTCVS Tech*. Sep 20(22): 292-304.
21. Sullivan KA, Farrokhyar F, Patel YS, Liberman M, Turner SR, Gonzalez AV, Nayak R, Yasufuku K, Hanna WC. (2023). Preoperative mediastinal staging in early-stage lung cancer: Targeted nodal sampling is not inferior to systematic nodal sampling. *J Thorac Cardiovasc Surg*. Nov: S0022-5223.
22. Effat A, Bernards N, Bill RS, Zheng G, Wilson B, Yasufuku K, Weersink RA. (2023). Investigating the effects of a temperature dependent photodynamic dose: a numerical study. *Photodiagnosis Photodyn Ther*. Dec 29: 103949.
23. Naqvi A, Bonert M, Finley C, Czarnecka-Kujawa K, Yasufuku K, Schwock J, Kulasingam V, John R, Ko HM. (2023). Role of EBUS-TBNA/EUS-FNA and mass spectrometry for diagnosis and typing of lymph node amyloidosis: 10-year experience in two tertiary care academic centers. *Cancer Cytopathol*. Nov(131(11)): 724-734.
24. Lau SCM, Rabindranath M, Weiss J, Li JJN, Fung AS, Mullen D, Alshamlan N, Ruff HM, Tong LCB, Pal P, Cabanero MR, Hsu YR, Sacher AG, Shepherd FA, Liu G, Bradbury PA, Yasufuku K, Czarnecka-Kujawa K, Mi Ko H, Tsao MS, Leighl NB, Schwock J. (2022). PD-L1 assessment in cytology samples predicts treatment response to checkpoint inhibitors in NSCLC. *Lung Cancer*. Sep;171: 42-46.
25. Castro PP, de Perrot M, Chua YC, Bezjak A, Leighl N, Darling G, Pierre A, Yasufuku K, Cypel M, Waddell T, Donahoe L, Yeung J, Keshavjee S. (2022). Importance of tumor size in resectable stage III-N2 non-small cell lung cancer. *J Thorac Cardiovasc Surg*. Sep;164(3): 629-636.

26. Ishiwata T, Motooka Y, Ujiie H, Inage T, Gregor A, Aragaki M, Chen Z, Kinoshita T, Donahoe L, Yeung J, Cypel M, de Perrot M, Pierre A, Darling G, Waddell T, Keshavjee S, Pal P, Yasufuku K. (2022). Endobronchial ultrasound-guided bipolar radiofrequency ablation for lung cancer: A first-in-human clinical trial. *J Thorac Cardiovasc Surg.* Oct;164(4): 1188-1197.
27. Bansal S, Bechara RI, Patel JD, Mehta HJ, Ferguson JS, Witt BL, Murgu SD, Yasufuku K, Casal RF. (2022). Safety and Feasibility of Photodynamic Therapy for Ablation of Peripheral Lung Tumors. *J Bronchology Interv Pulmonol.* Aug 15: Epub ahead of print.
28. Chen Z, Bernards N, Gregor A, Vannelli C, Kitazawa S, de Perrot M, Yasufuku K. (2022). Anatomic evaluation of Pancoast tumors using three-dimensional models for surgical strategy development. *J Thorac Cardiovasc Surg.* Sep 9(S0022-5223): Epub ahead of print.
29. Aragaki M, Inage T, Ishiwata T, Gregor A, Bernards N, Kato T, Yasufuku K. (2022). Optimization of thrombolytic dose for treatment of pulmonary emboli using endobronchial ultrasound-guided transbronchial needle injection. *J Thorac Cardiovasc Surg.* Sep 14(S0022-5223): Epub ahead of print.
30. Steinfert DP, Siva S, Rangamuwa K, Lee P, Fielding D, Nguyen P, Jennings BR, Yo S, Hardcastle N, Kothari G, Crombag L, Annema J, Yasufuku K, Ost DE, Irving LB. (2022). Systematic endoscopic staging of mediastinum to determine impact on radiotherapy for locally advanced lung cancer (SEISMIC): protocol for a prospective single arm multi centre interventional study. *BMC Pulm Med.* Sep 24;22(1): 364.
31. Mirhadi S, Tam S, Li Q, Moghal N, Pham NA, Tong J, Golbourn BJ, Krieger JR, Taylor P, Li M, Weiss J, Martins-Filho SN, Raghavan V, Mamatjan Y, Khan AA, Cabanero M, Sakashita S, Huo K, Agnihotri S, Ishizawa K, Waddell TK, Zadeh G, Yasufuku K, Liu G, Shepherd FA, Moran MF, Tsao MS. (2022). Integrative analysis of non-small cell lung cancer patient-derived xenografts identifies distinct prototypes associated with patient outcomes. *Nat Commun.* Apr 5;13(1): 1811.
32. Tassi V, Scarnecchia E, Ferolla P, Mete O, Manjula M, Allison F, Potenza R, Vannucci J, Ceccarelli S, Yasufuku K, De Perrot M, Pierre A, Darling G, Colella R, Ascani S, Mattioli S, Keshavjee S, Waddell TK, Puma F, Daddi N. (2022). Prognostic Significance of Pulmonary Multifocal Neuroendocrine Proliferation with Typical Carcinoid. *Ann Thorac Surg.* Mar;113(3): 996-974.
33. Husta BC, Kalchiem-Dekel O, Beattie JA, Yasufuku K. (2022). Mediastinal Staging with Endobronchial Ultrasound in Early-Stage Non-Small Cell Lung Cancer: Is It Necessary?. *Semin Respir Crit Care Med.* Aug;43(4): 503-511.
34. Ishiwata T, Inage T, Gregor A, Motooka Y, Chan HHL, Bernards N, Aragaki M, Chen Z, Ujiie H, Kinoshita T, Effat A, Yasufuku K. (2022). Preclinical evaluation of thin convex probe endobronchial ultrasound-guided transbronchial needle aspiration for intrapulmonary lesions. *Transl Lung Cancer Res.* Jul;11(7): 1292-1301.
35. Garcia-Pardo M, Czarnecka K, Law JH, Salvarrey A, Fernandes R, Fan J, Corke L, Waddell TK, Yasufuku K, Donahoe LL, Pierre A, Le LW, Ghumman N, Liu G, Shepherd FA, Bradbury P, Sacher A, Stockley T, Pal P, Rogalla P, Tsao MS, Leighl NB. (2022). Plasma-first: accelerating lung cancer diagnosis and molecular profiling through liquid biopsy. *Ther Adv Med Oncol.* Sep 20;14: 1-14.
36. Mirsanaye K, Uribe Castaño L, Kamaliddin Y, Golaraei A, Kontenis L, Zurauskas E, Navab R, Yasufuku K, Tsao MS, Wilson BC, Barzda V. (2022). Unsupervised determination of lung tumor margin with widefield polarimetric second-harmonic generation microscopy. *Sci Rep.* Dec 1;12(1): 20713.
37. Patel YS, Hanna WC, Fahim C, Shargall Y, Waddell TK, Yasufuku K, Machuca TN, Pipkin M, Baste JM, Xie F, Shiwcharan A, Foster G, Thabane L. (2022). RAVAL trial: Protocol of an international, multi-centered, blinded, randomized controlled trial comparing robotic-assisted versus video-assisted lobectomy for early-stage lung cancer. *PLoS One.* Feb 2;17(2): e0261767.
38. Cypel M, Yeung J, Donahoe L, Yasufuku K, Wang A, Pietroski R, Lange P, Pierre A, De Perrot M, Waddell TK, Keshavjee S. (2022). Outcomes of lung transplantation at a Canadian center using donors declined in the United States. *J Thorac Cardiovasc Surg.* Dec;164(6): 1661-1668.

39. Inage T, Fujino K, Motooka Y, Ishiwata T, Ujiie H, Gregor A, Bernards N, Chan HHL, Chen Z, Aragaki M, Kinoshita T, Effat A, Yoshino I, Yasufuku K. (2022). Development of aminimally invasive pulmonary porcine embolism model via endobronchialultrasound. *J Thorac Dis.* Feb;14(2): 238-246.
40. Sullivan KA, Farrokhyar F, Leontiadis GI, Patel YS, Churchill IF, Hylton DA, Xie F, Seely AJE, Spicer J, Kidane B, Turner SR, Yasufuku K, Hanna WC. (2022). Routine systematic sampling versus targeted sampling during endobronchial ultrasound: A randomized feasibility trial. *J Thorac Cardiovasc Surg.* Jul;164(1): 254-261.
41. Greggianin C, Yasufuku K, Tong LC, Dhillon G, Digby GC. (2022). Middle Mediastinal Mass Compressing the Pulmonary Trunk in a Patient With a History of Breast Cancer. *Chest.* May;161(5): e265-e272.
42. Cao J, Xu J, Yu H, Qian P, Lv W, He T, Yuan P, Longo F, Bertolaccini L, Yasufuku K, Rucker AJ, Hu J. (2022). The extent of mediastinal lymph node dissection correlates with survival of small cell lung cancer patients after resection: a propensity score-matched cohort study analysis. *Transl Lung Cancer Res.* Jul;11(7): 1453-1467.
43. Watanabe T, Kawashima M, Kohno M, Yeung J, Downar J, Healey A, Martinu T, Aversa M, Donahoe L, Pierre A, de Perrot M, Yasufuku K, Waddell TK, Keshavjee S, Cypel M. (2022). Outcomes of lung transplantation from organ donation after medical assistance in dying: First North American experience. *Am J Transplant.* Jun;22(6): 1637-1645.
44. Fitzgerald DB, Sidhu C, Budgeon C, Tan AL, Read CA, Kwan BCH, Smith NA, Fysh ET, Muruganandan S, Saghaie T, Shrestha R, Badiei A, Nguyen P, Burke A, Goddard , Windsor M, McDonald J, Wright G, Czarnecka K, Sivakumar P, Yasufuku K, Feller-Kopman DJ, Maskell NA, Murray K, Lee YCG. (2022). Australasian Malignant Pleural Effusion (AMPLE)-3 trial: study protocol for a multi-centre randomised study comparing indwelling pleural catheter ($\pm$ talc pleurodesis) vs video-assisted thoracoscopic surgery for management of malignant pleural effusion. *Trials.* Jun 27;23(1): 530.
45. Kawashima M, Seidl E, Grasemann H, Rabi SA, Inage T, Yasufuku K, Keshavjee S, Feld JJ, Cypel M. (2022). Successful use of a hepatitis C viremic donor in pediatric bilateral lobar lung transplantation. *JTCVS Tech.* Jun 18(14): 212-214.
46. Lou J, Aragaki M, Bernards N, Kinoshita T, Mo J, Motooka Y, Ishiwata T, Gregor A, Chee T, Chen Z, Chen J, Kaga K, Wakasa S, Zheng G, Yasufuku K. (2021). Repeated porphyrin lipoprotein-based photodynamic therapy controls distant disease in mouse mesothelioma via the abscopal effect. *Nanophotonics.* Aug;10(12): 3279-3294.
47. Chan JCY, Waddell TK, Yasufuku K, Keshavjee S, Donahoe L. (2021). Maintaining technical proficiency in senior surgical fellows during the COVID-19 pandemic through virtual teaching. *JTCVS Open.* Jul 21: Epub ahead of print.
48. Liam CK, Lee P, Yu CJ, Bai C, Yasufuku K. (2021). The diagnosis of lung cancer in the era of interventional pulmonology. *Int J Tuberc Lung Dis.* Jan 21(1): 6-15.
49. Ishiwata T, Seki T, Gregor A, Aragaki M, Motooka Y, Kinoshita T, Inage T, Bernards N, Ujiie H, Chen Z, Effat A, Chen J, Zheng G, Tatsumi K, Yasufuku K. (2021). A preclinical research platform to evaluate photosensitizers for transbronchial localization and phototherapy of lung cancer using an orthotopic mouse model. *Transl Lung Cancer Res.* Jan 10(1): 243-251.
50. Seely D, Legacy M, Auer RC, Fazekas A, Delic E, Anstee C, Angka L, Kennedy MA, Tai LH, Zhang T, Maziak DE, Shamji FM, Sundaresan RS, Gilbert S, Villeneuve PJ, Ashrafi AS, Inculet R, Yasufuku K, Waddell TK, Finley C, Shargall Y, Plourde M, Fergusson DA, Ramsay T, Seely AJE. (2021). Adjuvant melatonin for the prevention of recurrence and mortality following lung cancer resection (AMPLCaRe): A randomized placebo controlled clinical trial. *EClinicalMedicine.* Feb 27(33): 00763.
51. Ishiwata T, Ujiie H, Gregor A, Inage T, Motooka Y, Kinoshita T, Aragaki M, Chen Z, Effat A, Bernards N, Yasufuku K. (2021). Pilot study using virtual 4-D tracking electromagnetic navigation bronchoscopy in the diagnosis of pulmonary nodules: a single center prospective study. *J Thorac Dis.* May 13(5): 2885-2895.

52. Ujiie H, Yamaguchi A, Gregor A, Chan H, Kato T, Hida Y, Kaga K, Wakasa S, Eitel C, Clapp TR, Yasufuku K. (2021). Developing a virtual reality simulation system for preoperative planning of thoracoscopic thoracic surgery. *J Thorac Dis.*Feb 13(2): 778-783.
53. Liu CW, Page MG, Weinrib A, Wong D, Huang A, McRae K, Fiorellino J, Tamir D, Kahn M, Katznelson R, Ladha K, Abdallah F, Cypel M, Yasufuku K, Chan V, Parry M, Khan J, Katz J, Clarke H. (2021). Predictors of one year chronic post-surgical pain trajectories following thoracic surgery.*J Anesth.*Aug 35(4): 505-514.
54. Qaqish R, Watanabe Y, Hoetzenecker K, Yeung J, Chen M, Pierre A, Yasufuku K, Donahoe L, de Perrot M, Waddell T, Keshavjee S, Cypel M. (2021). Impact of donor time to cardiac arrest in lung donation after circulatory death. *J Thorac Cardiovasc Surg.*Apr;161(4): 1546-1555.
55. Torres FS, Akbar S, Raman S, Yasufuku K, Schmidt C, Hosny A, Baldauf-Lenschen F, Leighl NB. (2021). End-to-End Non-Small-Cell Lung Cancer Prognostication Using Deep Learning Applied to Pretreatment ComputedTomography. *JCO Clin Cancer Inform.*Oct(5): 1141-1150.
56. Campo-Canaveral De La Cruz JL, Dunne B, Lemaitre P, Rackauskas M, Pozniak J, Watanabe Y, Mariscal A, Yeung J, Yasufuku K, Pierre A, de Perrot M, Waddell TK, Cypel M, Keshavjee S, Donahoe L. (2021). Deceased-donor lobar lung transplant: A successful strategy for small-sized recipients. *J Thorac Cardiovasc Surg.*May;161(5): 1674-1685.
57. Riddell P, Ma J, Dunne B, Binnie M, Cypel M, Donahoe L, de Perrot M, Pierre A, Waddell TK, Yeung J, Yasufuku K, Tomlinson G, Singer LG, Keshavjee S. (2021). A simplified strategy for donor-recipient size-matching in lung transplant for interstitial lung disease. *J Heart Lung Transplant.*Nov;40(11): 1422-1430.
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5. Kitazawa T, Gregor A, Yasufuku K. (2023). Treatment of Stage III Non-small Cell Lung Cancer. MacRosty, Rivera M. *Lung Cancer – A Comprehensive Guide for the Clinician.* : 147-163. Published, Springer Nature, Switzerland
6. Badiei A, Gregor A, Yasufuku K, Lee YCG. (2022). Pleural Effusion: Hemothorax. Janes, S.M. *Encyclopedia of Respiratory Medicine.* (4) In Press, Elsevier, Academic Press, United States of America
7. Pattison A, Yasufuku K. (2020). Convex-Probe Ultrasonography in Flexible Bronchoscopy. Ko-Pen Wang, Atul C. Mehta J. *Francis Turner Jr. Flexible Bronchoscopy*, Fourth Edition. (pp111-126) Published, Wiley Blackwell, United States of America

Conference Publications

1. Tsitsias T, Yasufuku K, Pierre A, Waddell T, Darling G, Cypel M, Donahoe L, Yeung J, Keshavjee S, de Perrot M. Impact of anterior tumor location on survival after resection of lung cancer invading the thoracic inlet (Pancoast tumors). *American Association for Thoracic Surgery 102nd Annual Meeting.*, Abstract
2. Hylton DA, Huang J, Turner S, French D, Wen C, Masters J, Kidane B, Spicer JD, Taylor J, Finley C, Shargall Y, Fahim C, Farrokhyar F, Yasufuku K, Agzarian J, Hanna W. The Canada Lymph Node Sonographic Score: National Validation of a Sonographic Score to Determine Mediastinal Lymph Node Malignancy. *19th IASLC World Conference on Lung Cancer.*, Abstract

3. Gregor A, Sata Y, Hiraishi Y, Ishiwata T, Aragaki M, Barbards N, Yasufuku K. Preclinical feasibility of bronchoscopic fluorescence-guided lung sentinel lymph node mapping. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
4. Ishiwata T, Inage T, Gregor A, Motooka Y, Chan H, Aragaki M, Bernards N, Chen Z, Ujiie H, Kinoshita T, Effat A, Tatsumi K, Yasufuku K. Preclinical evaluation of thin convex probe endobronchial ultrasound-guided transbronchial needle aspiration for intrapulmonary lesions. The American College of Chest Physicians International Conference 2021, Abstract
5. Donahoe L, Cypel M, de Perrot M, Wang S, Pierre A, Waddell T, Yasufuku K, Yeung J, Keshavjee S. Outcomes of lung transplantation from donors with substance abuse history. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
6. Cypel M, Ali A, Schwarz S, Machua T, Yeung J, Donahoe L, Yasufuku K, Pierre A, de Perrot M, Waddell T, Hoetzenecker K, Keshavjee S. Extending cold static preservation at 10 °C to avoid overnight lung transplantation: A prospective multi-center proof-of-concept clinical trial. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
7. Cypel M, Ali A, Hoetzenecker K, Machuca T, Kon Z, Schwarz S, Carillo J, Yeung J, Donahoe L, Yasufuku K, Pierre A, de Perrot M, Waddell T, Keshavjee S. Safe avoidance of overnight lung transplantation using 10°C cold static preservation: A prospective multi-center proof-of-concept clinical trial. American Association for Thoracic Surgery 101st Annual Meeting. Virtual Meeting, Abstract
8. Ishiwata T, Bernards N, Hiraishi Y, Sata Y, Gregor A, Aragaki M, Yasufuku K. Transbronchial lung tumor localization with folate receptor-targeted near-infrared molecular imaging: A proof of concept study in animal models. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
9. Kato T, Jin CS, Ujiie H, Fujino K, Lee D, Wasa H, Hu HP, Wu L, Weersink RA, Chen J, Kanno H, Hatanaka Y, Hatanaka K, Matsuno Y, de Perrot M, Wilson BC, Zheng G, Yasufuku K. Preclinical Investigations of Folate Receptor Targeted Nanoparticles for Photodynamic Therapy of Malignant Pleural Mesothelioma. . Presenter(s): Toronto, Canada. 19th IASLC World Conference on Lung Cancer, Abstract
10. Ishiwata T, Inage T, Gregor A, Motooka Y, Chan H, Bernards N, Aragaki M, Chen Z, Ujiie H, Kinoshita T, Effat A, Tatsumi K, Yasufuku K. Preclinical evaluation of thin convex probe endobronchial ultrasound-guided transbronchial needle aspiration for intrapulmonary lesions. The American College of Chest Physicians International Conference 2021, Poster
11. Kinoshita T, Ujiie H, Chen J, Ding L, Chan H, Gregor A, Bernards N, McVeigh PZ, Fujino K, Lee CY, Motooka Y, Inage T, Valic M, Weersink R, Wilson BC, Zheng G, Asamura H, Yasufuku K. A Nanotechnology-Enabled Strategy for Image-Guided Transbronchial and Transpleural Photothermal Therapy of Peripheral Lung Cancer. 19th IASLC World Conference on Lung Cancer., Poster
12. Dunne B, Pozniak J, Campo-Canaveral DeLaCruz JL, Lemaitre P, Begum Y, Allen J, Cypel M, de Perrot M, Donahoe L, Yasufuku K, Pierre A, Waddell TK, Keshavjee S, Yeung JC. Single lung transplantation with a rejected contralateral lung: Improved assessment and donor lung utilization in the era of Ex Vivo Lung Perfusion. ISHLT 41st Annual Meeting. Virtual Meeting, Poster

13. Inage T, Ujiie H, Gregor A, Motooka Y, Kinoshita T, Lee CY, Fujino K, Yoshino I, Yasufuku K. Spectrum Analysis of Ultrasound Radiofrequency of Lung Tumor in Ex-vivo Human Lungs. Chest 2018; 154(4_S), 641-2A. The American College of Chest Physicians International Conference 2018, Abstract
14. Ujiie H, Gregor A, Kinoshita T, Fujino K, Lee CY, Motooka Y, Inage T, Kato T, Nguyen E, Yasufuku K. Cone-Beam Computed Tomography-Guided Microcoil Localization of Pulmonary Nodules During Video-Assisted Thoracic Surgery. 19th IASLC World Conference on Lung Cancer, Paper
15. Chen Z, Bernards N, Vannelli C, Gregor A, Kitazawa S, de Perrot M, Yasufuku K. Anatomical evaluation of Pancoast tumors using three-dimensional models for surgical strategy development. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
16. Aragaki M, Inage T, Ishiwata T, Gregor A, Bernard N, Chen Z, Yasufuku K. Optimization of thrombolytic dose for treatment of pulmonary emboli by endobronchial ultrasound-guided transbronchial needle injection. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
17. Jeagal L, Pattison A, Yeung J, Pierre A, Donahoe L, Cypel M, de Perrot M, Yasufuku K, Darling GE, Waddell T, Keshavjee S, Czarnecka-Kujawa K. The Impact of Concordance with a Lung Cancer Diagnosis Pathway Guideline on Treatment Access in Patients with Stage IV Lung Cancer. 19th IASLC World Conference on Lung Cancer, Poster
18. Daddi N, Tassi V, Scarnecchia E, Allison F, Vannucci J, Capozzi R, Liparulo V, Yasufuku K, de Perrot M, Pierre A, Mete O, Colella R, Ascani S, Ferolla P, Darling GE, Keshavjee S, Puma F, Waddell TK. Preinvasive Multifocal Neuroendocrine Lesions with Primary Typical Carcinoid Lung Tumors: A Negative Prognostic Factor?. 19th IASLC World Conference on Lung Cancer, Poster
19. Patel Y, Baste JM, Shargall Y, Waddell T, Yasufuku K, Machuca T, Xie F, Thabane L, Hanna W. Robotic-assisted lobectomy for early-stage lung cancer provides better patient-reported quality of life compared to video-assisted lobectomy: Early results of the RAVAL trial. American Association for Thoracic Surgery 102nd Annual Meeting, Abstract
20. Martins-Fiho, Cabanero M, Pham NA, Stewart EL, Ravi D, Patel D, McConnell J, Grindlay A, Allison F, Li M, Shepherd FA, Tsao MS, Yasufuku K, Liu G. Establishment of PDX From Tumors Characterized by EGFR Mutations or ALK Fusion Genes from Resections, Biopsies and Pleural Fluids. 19th IASLC World Conference on Lung Cancer, Paper
21. Motooka Y, Fujino K, Yasufuku K, Suzuki M, Ito T. Pathobiology of Notch2 in Lung Cancer. 19th IASLC World Conference on Lung Cancer., Poster
22. Ishiwata T, Inage T, Gregor A, Motooka Y, Chan H, Bernards N, Aragaki M, Chen Z, Ujiie H, Kinoshita T, Effat A, Tatsumi K, Yasufuku K. Preclinical evaluation of thin convex probe endobronchial ultrasound-guided transbronchial needle aspiration for intrapulmonary lesions. The American College of Chest Physicians International Conference 2021, Poster
23. Ishiwata T, Ujiie H, Inage T, Motooka Y, Fujino K, Aragaki M, Chen Z, Kinoshita T, Gregor A, Effat A, Bernards N, Donahoe L, Yeung J, Cypel M, de Perrot M, Pierre A, Darling G, Waddell T, Keshavjee S, Pal P, Yasufuku K. Endobronchial ultrasound-guided bipolar radiofrequency ablation for lung cancer: a first-in-human clinical trial. American Association for Thoracic Surgery 101st Annual Meeting, Abstract

24. Cypel M, Ali A, Hoetzenecker K, Machuca T, Kon Z, Schwarz S, Carillo J, Yeung J, Donahoe L, Yasufuku K, Pierre A, de Perrot M, Waddell T, Keshavjee S. Safe avoidance of overnight lung transplantation using 10°C cold static preservation: A prospective multi-center proof-of-concept clinical trial. American Association for Thoracic Surgery 101st Annual Meeting., Abstract
25. Dunne B, Pozniak J, Campo-Canaveral DeLaCruz JL, Lemaitre P, Begum Y, Allen J, Cypel M, de Perrot M, Donahoe L, Yasufuku K, Pierre A, Waddell TK, Keshavjee S, Yeung JC. Single lung transplantation with a rejected contralateral lung: Improved assessment and donor lung utilization in the era of Ex Vivo Lung Perfusion. ISHLT 41st Annual Meeting, Poster
26. Cypel M, Yeung J, Donahoe L, Yasufuku K, Pierre A, De Perrot M, Waddell TK, Keshavjee S. Outcomes of Lung Transplantation at a Canadian Center using Donors from United States. American Association for Thoracic Surgery 100th Annual Meeting, Abstract
27. Qaqish R, Watanabe Y, Hoetzenecker K, Yeung J, Chen M, Pierre A, Yasufuku K, Donahoe L, de Perrot M, Waddell T, Keshavjee S, Cypel M. Impact of donor time to cardiac arrest in lung donation after circulatory death. ISHLT 40th Annual Meeting, Abstract
28. Campo JL, Dunne B, Lemaitre P, Rackauskas M, Pozniak J, Watanabe Y, Mariscal A, Yeung J, Pierre A, de Perrot M, Yasufuku K, Waddell TK, Cypel M, Keshavjee S, Donahoe L. Cadaveric Lobar Lung Transplantation Provides Good Long-Term Outcomes for Small Size Recipients. American Association for Thoracic Surgery 99th Annual Meeting 2019., Abstract, Invited?: Yes
29. Dunne B, Campo JL, Lemaitre P, Pozniak J, Rackauskas M, Watanabe Y, Martinu T, Donahoe L, Cypel M, de Perrot M, Pierre A, Yasufuku K, Waddell TW, Keshavjee S, Yeung J. Lung Transplantation Using Older Donors – Further Extending the Criteria: A Retrospective Cohort Study. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract
30. Dunne B, Campo JL, Lemaitre P, Pozniak J, Rackauskas M, Watanabe Y, Martinu T, Donahoe L, Cypel M, de Perrot M, Pierre A, Yasufuku K, Waddell TW, Keshavjee S, Yeung J. Lung Transplantation Using Older Donors – Further Extending the Criteria: A Retrospective Cohort Study. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract, Invited?: Yes
31. Liberman M, Goudie E, Morse C, Hanna WC, Evans NR, Yasufuku K, Malthaner R, Dunning J, Lafontaine E, Ferraro P, Wright C, Auchincloss H, Lanuti M, Martin J, Ott H, Gaissert HA, Sampalis J. Prospective, Multi-center, International Phase 2 Trial Evaluating Ultrasonic Energy for Pulmonary Artery Branch Sealing in VATS Lobectomy. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract, Invited?: Yes
32. Ishiwata T, Ujiie H, Gregor A, Motooka Y, Inage T, Kinoshita T, Chen K, Tatsumi K, Yasufuku K. Pilot Study Using Combined Virtual 4-D Electromagnetic Tip-Trackers and Endobronchial Ultrasound in the Diagnosis of Peripheral Pulmonary Nodules. American Thoracic Society International Conference 2019, Poster
33. Watanabe Y, Healey A, Scott M, Lavery S, Johnson K, Mills C, Galasso M, Chen M, Yeung J, Donahoe L, Pierre A, de Perrot M, Yasufuku K, Waddell T, Keshavjee S, Cypel M. Initial Experience with Non-Perfused Organ Donors for Lung Transplantation. ISHLT 39th Annual Meeting, Abstract

34. Hylton D, Selvakumaran K, Kidane B, Spicer J, Turner S, French D, Wen C, Masters J, Finley C, Shargall Y, Farrokhyar F, Agzarian J, Seely A, Yasufuku K, Hanna WC. Endobronchial Ultrasound Staging of Operable NSCLC: Triple Negative Lymph Nodes May Not Require Routine Biopsy. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract
35. Motooka Y, Fujino K, Inage T, Ujiie H, Kato T, Kinoshita T, Gregor A, Lee CY, Effat A, Ishiwata T, Chen Z, Yasufuku K. Endobronchial Ultrasound-Guided Radiofrequency Ablation of Lung Tumors and Mediastinal Lymph Nodes: A Preclinical Study in Animal Lung Tumor and Mediastinal Adenopathy Models. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract, Invited?: Yes
36. Shen Y, Motooka Y, Xiang Y, Zou Y, Bernards N, Yasufuku K, Matsuura N. Endobronchial ultrasound and nanodroplets for lung cancer vascular disruption therapy in an in vivo mouse lung cancer. World Molecular Imaging Congress 2019, Poster
37. Liberman M, Goudie E, Morse C, Hanna WC, Evans NR, Yasufuku K, Malthaner R, Dunning J, Lafontaine E, Ferraro P, Wright C, Auchincloss H, Lanuti M, Martin J, Ott H, Gaissert HA, Sampalis J. Prospective, Multi-center, International Phase 2 Trial Evaluating Ultrasonic Energy for Pulmonary Artery Branch Sealing in VATS Lobectomy. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract
38. Shen Y, Motooka Y, Xiang Y, Zou Y, Bernards N, Yasufuku K, Matsuura N. Endobronchial ultrasound and nanodroplets for lung cancer vascular disruption therapy in an in vivo mouse lung cancer. World Molecular Imaging Congress 2019, Poster
39. Ujiie H, Chan H, Gregor A, Hu H-P, Kato T, Kinoshita T, Motooka Y, Inage T, Waddell T, Keshavjee S, Yasufuku K. Lymph Node Mapping in Lung Cancer. The Society for Thoracic Surgeons 55th Annual Meeting, Abstract
40. Ujiie H, Chan H, Gregor A, Hu H-P, Kato T, Kinoshita T, Motooka Y, Inage T, Waddell T, Keshavjee S, Yasufuku K. A Multimodal Nanoagent for Intraoperative Image-guided Sentinel Lymph Node Mapping in Lung Cancer. The Society for Thoracic Surgeons 55th Annual Meeting, Abstract
41. Cypel M, Feld J, Singer LG, Marks NM, Bahinskaya I, Kuczyński K, Kumar D, Galasso M, Ribeiro R, Yeung J, Donahoe L, Pierre A, de Perrot M, Yasufuku K, Waddell TK, Keshavjee S, Humar A. Transplantation of NAT+HCV Donor Lungs into Non-Infected Recipients Followed by Treatment with Sofosbuvir/Velpatasvir (S/V). ISHLT 39th Annual Meeting, Abstract
42. Hylton D, Selvakumaran K, Kidane B, Spicer J, Turner S, French D, Wen C, Masters J, Finley C, Shargall Y, Farrokhyar F, Agzarian J, Seely A, Yasufuku K, Hanna WC. Endobronchial Ultrasound Staging of Operable NSCLC: Triple Negative Lymph Nodes May Not Require Routine Biopsy. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract, Invited?: Yes
43. Ishiwata T, Ujiie H, Gregor A, Motooka Y, Inage T, Kinoshita T, Chen K, Tatsumi K, Yasufuku K. Pilot Study Using Combined Virtual 4-D Electromagnetic Tip-Trackers and Endobronchial Ultrasound in the Diagnosis of Peripheral Pulmonary Nodules. American Thoracic Society International Conference 2019, Poster, Invited?: Yes

44. Campo JL, Dunne B, Lemaitre P, Rackauskas M, Pozniak J, Watanabe Y, Mariscal A, Yeung J, Pierre A, de Perrot M, Yasufuku K, Waddell TK, Cypel M, Keshavjee S, Donahoe L. Cadaveric Lobar Lung Transplantation Provides Good Long-Term Outcomes for Small Size Recipients. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract
45. Motooka Y, Fujino K, Inage T, Ujiie H, Kato T, Kinoshita T, Gregor A, Lee CY, Effat A, Ishiwata T, Chen Z, Yasufuku K. Endobronchial Ultrasound-Guided Radiofrequency Ablation of Lung Tumors and Mediastinal Lymph Nodes: A Preclinical Study in Animal Lung Tumor and Mediastinal Adenopathy Models. American Association for Thoracic Surgery 99th Annual Meeting 2019, Abstract
46. Kinoshita T, Munegowda MA, Igai H, Fujino K, Lee CY, Ujiie H, Mendel A, Lilge L, Yasufuku K. Targeting non-small cell lung cancer by novel TLD-1433-mediated photodynamic therapy. SPIE Photonics West Annual Conference 2018, Abstract
47. Turner S, Lai H, Nasir B, Yasufuku K, Schieman C, Huang J, Bedard E. Clinical validation of a competency assessment scale for anatomic lung resection. American Association for Thoracic Surgery 98th Annual Meeting 2018, Poster
48. Qaqish R, Hoetzenecker K, Watanabe Y, Yeung J, Zamel R, Chen M, Pierre A, Yasufuku K, Donahoe L, de Perrot M, Waddell TK, Keshavjee S, Cypel M. Pushing the limits of DCDD lung transplantation: What is the impact of the interval between withdrawal of life sustaining therapies to asystole?. American Association for Thoracic Surgery 98th Annual Meeting 2018, Abstract
49. Ujiie H, Fan R, Ding L, Kato T, Lee D, Fujino K, Kinoshita T, Lee CY, Chen J, Chan H, Weersink R, Wilson BC, Waddell T, Keshavjee S, Yasufuku K. Porphyrin HDL: A Novel Photosensitizing Nanoparticle for Lung Cancer Therapy. The Society for Thoracic Surgeons 54th Annual Meeting 2018, Abstract
50. Cypel M, Yeung J, Donahoe L, Chen M, Zamel R, Hoetzenecker K, Yasufuku K, de Perrot M, Pierre A, Waddell TK, Keshavjee S. Single centre results with normothermic Ex vivo lung perfusion (EVLP): Does the indication for EVLP affect organ utilization and patient outcomes after lung transplantation?. American Association for Thoracic Surgery 98th Annual Meeting 2018, Abstract
51. Cypel M, Feld J, Singer LG, Kumar D, Ribeiro R, Galasso M, Yeung JC, Donahoe L, Pierre A, Marks N, Yasufuku K, de Perrot M, Waddell T, Keshavjee S. Lung transplantation using NAT (Nucleic Acid Testing) positive Hepatitis C donors to HCV negative recipients. American Association for Thoracic Surgery 98th Annual Meeting 2018, Abstract
52. Lee CY, Chan H, Ujiie H, Fujino K, Kinoshita T, Yasufuku K. Novel thoracoscopic surgical navigation system providing augmented real-time imaging for minimally invasive resection of chest wall tumors. The Society for Thoracic Surgeons 54th Annual Meeting 2018, Abstract
53. McDonald C, Pierre C, de Perrot M, Darling G, Cypel M, Pierre A, Waddell T, Keshavjee S, Yasufuku K, Czarnecka K. Comparison of the Efficacy and Cost of Awake Thoracoscopy (AT) and VATS in the Undiagnosed Pleural Effusion. The Society for Thoracic Surgeons 54th Annual Meeting 2018, Abstract
54. Kato T, Jin CS, Ujiie H, Lee D, Kosuke F, Wada H, Hu H, Weersink R, Chan J, Kaji M, Wilson BC, Zheng G, Kaga K, Matsui Y, Yasufuku K. Nanoparticle Targeted Folate Receptor 1 Enhanced Photodynamic Therapy for Lung Cancer. 18th IASLC World Conference on Lung Cancer. Yokohama, Poster

55. Kinoshita T, Ujiie H, Igai H, McDonald C, Lee C, Tyan C, Houston S, Czarnecka-Kujawa K, Yasufuku K. Clinical utility of flexible 19G EBUS-TBNA needle. The American College of Chest Physicians International Conference 2017, Poster
56. Czarnecka-Kujawa K, Sczaniecka A, Parthiban S, Dillard D, Gonzalez X, Tremblay A, Yasufuku K. A Comparison of Specimen Size and Diagnostic Performance of 19G vs. 22G EBUS-TBNA Needles - a Pre-clinical Study. The American College of Chest Physicians International Conference 2017, Abstract
57. Lam S, Tammemagi M, Schmidt HC, Martel S, McWilliams A, Goffin JR, Johnston M, Goss G, Tremblay A, Bhatia R, Liu G, Soghrati K, Yasufuku K, Hwang DM, Laberge F, Gingras M, Pasian S, Couture C, Mayo JR, Nasute Fauerbach PV, Atkar-Khattra S, Peacock SJ, Cressman S, Ionescu D, English JC, Finley RJ, Yee J, Puksa S, Stewart L, Tsai S, Haider E, Boylan C, Cutz J, Manos D, Xu Z, Nicholas G, Seely JM, Amjadi K, Sekhon HS, Burrowas P, Maceachern P, Urbanski S, Sin D, Tan WC, Leighl NB, Shepherd FC, Evans WK, Tsao MS. Lung Cancer Screening: Participant Selection by Risk Model – the Pan-Canadian Study. 8th IASLC World Conference on Lung Cancer, Abstract
58. Hirohashi K, Anayama T, Wada H, Kato T, Orihashi K, Yasufuku K. Photothermal Ablation of Lung Cancer by Low Power Near-Infrared Laser and Topical Injection of Indocyanine Green; A Preliminary Animal Study. 18th IASLC World Conference on Lung Cancer, Poster
59. Fujino K, Ujiie H, Igai H, Kinoshita T, Lee Changyoung, Yasufuku K. Human Ex-Vivo Lung Evaluation of the Next Generation Convex Probe Endobronchial Ultrasound Bronchoscope. The American College of Chest Physicians International Conference 2017, Abstract
60. Kinoshita T, Fujita T, Hayashi Y, Ohtsuka T, Mitsudomi T, Asamura H, Yasufuku K, Kawakami Y. Distinct Immunosuppressive Microenvironment Determines Poor Prognosis of Nonsmokers with Adenocarcinoma of Non-Small Cell Lung Cancer. 18th IASLC World Conference on Lung Cancer, Abstract
61. Hashimoto K, Daddi N, Giuliani ME, Hope AJ, Czarnecka K, Cypel M, Pierre A, de perrot M, Darling GE, Waddell TK, Keshavjee S, Yasufuku K. The Role of Lymph Node Staging by EBUS-TBNA in Stereotactic Body Radiation Therapy for patients with Non-Small Cell Lung Cancer. 18th IASLC World Conference on Lung Cancer, Poster
62. Anayama T, Ihara R, Aoki T, Nayukami E, Nakajima T, Wada H, Hirohashi K, Miyazaki R, Yasufuku K, Orihashi K. Non-Invasive Qualitative Diagnosis of Lung Cancer Enabled by Spectrum Analysis of Ultrasound. 18th IASLC World Conference on Lung Cancer, Poster
63. Sczaniecka A, Gonzalez X, Tremblay A, Yasufuku K. Performance of a novel 19G EBUS-TBNA needle in patients. The American College of Chest Physicians International Conference 2016, Poster
64. Czarnecka-Kujawa K, de Perrot M, Yasufuku K. EBUS-TBNA mediastinal lymph node staging in malignant pleural mesothelioma. 19th World Congress for Bronchology and Interventional Pulmonology., Abstract
65. Ujiie H, Nakajima T, Hu H, Fujino K, Kato T, Yasufuku K. Validating spectrum image analysis of lymph nodes during endobronchial ultrasound-guided transbronchial needle aspiration in patients with lung cancer. The American College of Chest Physicians International Conference 2016, Abstract

66. Yeung JC, Reck dos Santos P, Reeb J, Yasufuku K, de Perrot M, Pierre AF, Waddell TK, Singer LG, Keshavjee S, Cypel M. Single Center Results with Normothermic ExVivo Lung Perfusion: A Propensity Matched Analysis. ISHLT Annual Meeting 2016., Abstract
67. Ujiie H, Kato T, Hu H, Patel P, Wada H, Lee D, Fujino K, Weersink R, Nguyen E, Cypel M, Pierre A, de Perrot M, Darling G, Waddell T, Keshavjee S, Yasufuku K. A Novel Minimally Invasive Near-infrared Thoracoscopic Localization Technique of Small Pulmonary Nodules: A Phase I Feasibility Trial. American Association for Thoracic Surgery 96th Annual Meeting 2016., Abstract
68. Inage T, Nakajima T, Wada H, Fujiwara T, Suzuki H, Iwata T, Yoshida S, Yasufuku K, Yoshino I. Molecular nodal staging using miRNA expression in lung cancer patients by EBUS-TBNA. The American College of Chest Physicians International Conference 2016, Abstract
69. Ujiie H, Kato T, Bauer P, Hu H, Patel P, Wada H, Lee D, Fujino K, Schieman C, Pierre A, Darling G, Yasufuku K. Development of a Novel Ex-Vivo Porcine Laparoscopic Heller Myotomy and Nissen Fundoplication Training Model. SAGES 2016 Annual Meeting., Poster
70. Yeung JC, Yasufuku K, de Perrot M, Pierre AF, Waddell TK, Keshavjee S, Cypel M. Towards Making Lung Transplantation a Semi-Elective Procedure: Outcomes Following Clinical Lung Transplantation with Over Twelve Hours of Preservation Time. American Association for Thoracic Surgery 96th Annual Meeting 2016., Abstract
71. Cabanero M, Pham N, Stewart EL, McConnell J, Grindlay A, Allison F, Wang Y, Li M, Shepherd F, Tsao MS, Yasufuku K, Liu G. EGFR/ALK+ Patient-Derived Xenografts from Advanced NSCLC for TKI Drug Selection & Resistance Development: The REAL-PDX Study. 17th IASLC World Conference on Lung Cancer., Poster
72. Fujino K, Yasufuku K, Suzuki M, Ito T. INSM1 is a Novel Biomarker and a Crucial Regulator of the Neuroendocrine Differentiation Pathway in Neuroendocrine Tumours of the Lung. 17th IASLC World Conference on Lung Cancer., Abstract
73. Czarnecka-Kujawa K, Rochau U, Siebert U, Atenafu E, Darling G, Waddell TK, Pierre A, de Perrot M, Cypel M, Keshavjee S, Yasufuku K. Cost-Effectiveness of Invasive Mediastinal Staging in Non-Small Cell Lung Cancer. American Association for Thoracic Surgery 96th Annual Meeting 2016., Abstract
74. Ujiie H, Kato T, Hasan S, Hu H, Patel P, Wada H, Lee D, Fujino K, Hwang D, Cypel M, de Perrot M, Pierre A, Darling G, Waddell T, Keshavjee S, Yasufuku K. Evaluation of Thoracoscopic Ultrasonography for Localization of Pulmonary Nodules in Resected Ex-vivo Human Lungs. International Society for Minimally Invasive Cardiothoracic Surgery 2016 Annual Meeting., Abstract
75. Tyan CC, Machuca T, Czarnecka K, Ko HM, da Cunha Santos G, Boerner SL, Pierre A, Cypel M, Waddell T, Darling G, de Perrot M, Keshavjee S, Geddie W, Yasufuku K. Performance of Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration for Diagnosis of Isolated Mediastinal and Hilar Lymphadenopathy in Patients with High Prevalence of Concurrent or Pre-existing Non-Pulmonary Malignancy. 19th World Congress for Bronchology and Interventional Pulmonology., Poster
76. Bendzsak AM, Waddell T, Yasufuku K, Keshavjee S, de Perrot M, Cypel M, Pierre A, Darling G. Concordance with Invasive Mediastinal Staging Guidelines. Canadian Association of Thoracic Surgery 2015 Annual Meeting., Abstract

77. Hirohashi K, Anayama T, Wada H, Kato T, Keshavjee S, Orihashi K, Yasufuku K. Indocyanine Green Fluorescence for Localization of Human Lung Cancer: A Preliminary Animal Study. 23rd European Conference on General Thoracic Surgery.,
Poster
78. Tremblay A, Taghizadeh N, McWilliam AM, MacEachern P, Stather D, Soghrati K, Puksa S, Yasufuku K, Amjadi K, Martel S, Laberge F, Johnston M, Tsao M, Ionescu D, Urbanski S, Hwang D, Cutz J-C, Sekhon HS, Couture C, Xu Z, Tammemagi MC, Atkar-Khattra S, Lam SC. Low Prevalence of High Grade Lesions Detected with Autofluorescence Bronchoscopy in the Setting of Lung Cancer Screening in the Pan-Canadian Lung Cancer Screening Study. The American College of Chest Physicians International Conference 2015,
Abstract
79. Czarnecka K, Zubrinic M, Waddell T, Pierre A, Darling G, de Perrot M, Cypel M, Garcia A, Stuart-McEwan T, Near M, Keshavjee K, Yasufuku K. Impact of multidisciplinary Rapid Assessment of Complex Pleural Effusion (RACE) program on efficiency of patient care. The Society for Thoracic Surgeons 51st Annual Meeting 2015,
Poster
80. Tyan C, Patel P, Czarnecka K, Fortin M, MacEachern P, Hergott CA, Tremblay A, Yasufuku K. Flexible 19 Gauge Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration Needle – First Canadian Experience. American Thoracic Society International Conference 2015.,
Poster
81. Hanna WC, Fahim C, Patel P, Shargall Y, Waddell T, Yasufuku K. Robotic Pulmonary Resection for Lung Cancer: The First Canadian Series. Canadian Association of Thoracic Surgery 2015 Annual Meeting.,
Abstract
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Conference Date: 2023/10
Abstract
199. J Feng, T Waddell, K Yasufuku, D Kelly, N Meti, A Pierre, S Keshavjee, J Yeung, M Cypel, L Donahoe, E Wakeam, M de Perrot, J Law, A Salvarrey, L Le, J Lister, M Cabanero, M Tsao, C Pipinikas, K Howarth, N Leigh. Longitudinal ctDNA testing in resected, clinical stage I non-small cell lung cancers. Presenter(s): Singapore (Poster Presentation). 2023 IASLC World Conference on Lung Cancer, Singapore
Conference Date: 2023/9
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200. M Garcia-Pardo, K Czarnecka, JH Law, ZJ Fan, TK Waddell, K Yasufuku, G Liu, LL Donahoe, A Pierre, LW Le, T Gunasegaran, N Ghuman, PA Bradbury, F Shepherd, A Sacher, L Corke, J Feng, T Stockley, P Pal, P Rogalla, C Pipinikas, KD Howarth, M Tsao, NB Leigh. Plasma-first to accelerate time to treatment and improve target detection in advanced lung cancer: A prospective study. 2023 IASLC World Conference on Lung Cancer, Singapore
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201. Effat A, Bernards N, Shi R, Zheng G, Wilson B, Weersink W, Yasufuku K. Investigating the effects of a temperature dependent photodynamic: a numerical study. 18th International Photodynamic Association World Congress, Tampere, Finland
Conference Date: 2023/7
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202. Kitazawa S, Bernards N, Gregor A, Sata Y, Hiraishi Y, Ogawa H, Koga T, Ishiwata T, Aragaki M, Yokote F, Effat A, Kazlovich K, Robert W, Cabanero M, Yasufuku K. Feasibility of computed tomography-derived surgical margin assessment in ex-vivo porcine sublobar lung resection model. 31st Meeting of the European Society of Thoracic Surgeons., Milano, Italy
Conference Date: 2023/6
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203. Sata Y, Aragaki M, Inage T, Bernards N, Gregor A, Kitazawa S, Yokote F, Koga T, Ogawa H, Hiraishi Y, Ishiwata T, Effat A, Kazlovich K, Chan H, Yoshino I, Yasufuku K. Assessment of safety and feasibility of thrombolytic therapy to pulmonary emboli by endobronchial ultrasound-guided transbronchial needle injection in a porcine survival model. American Association for Thoracic Surgery 103rd Annual Meeting, Los Angeles, United States of America
Conference Date: 2023/5
Abstract
204. Ogawa H, Koga T, Bernards N, Gregor A, Sata Y, Kitazawa S, Hiraishi Y, Ishiwata I, Aragaki M, Yokote F, Effat A, Kazlovich K, Pham NA, Tsao MS, Yasufuku K. Patient derived xenograft engraftment associated with radiological findings in lung adenocarcinomas. American Association for Thoracic Surgery 103rd Annual Meeting., Los Angeles, United States of America
Conference Date: 2023/5
Abstract
205. Koga T, Ogawa H, Pham N, Bernards N, Gregor A, Sata A, Kitazawa S, Hiraishi Y, Ishiwata T, Aragaki M, Yokote F, Effat A, Kazlovich K, Radulovich N, MS Tsao, Yasufuku K. Establishment of EBUS-TBNA sample derived lung cancer organoid via xenograft. American Association for Thoracic Surgery 103rd Annual Meeting, Los Angeles, United States of America
Conference Date: 2023/5
Abstract
206. Ali A, Siebiger G, Thomlinson G, Wakeam E, Yeung J, Donahoe L, Yasufuku K, Pierre A, de Perrot M, Waddell T, Keshavjee S, Cypel M. Clinical Outcomes of over 500 lung transplants using ex vivo lung perfusion: A single center large volume retrospective analysis. American Association for Thoracic Surgery 103rd Annual Meeting, Los Angeles, United States of America
Conference Date: 2023/5
Abstract

Presentations

1. (2022). Development of EBUS. Innovation Workshop: Development of New Technologies. AATS International Thoracic Surgical Oncology Summit 2022, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
2. (2021). Invited speaker. Recent Advances and Future of Respiratory Endoscopy. 44th Annual Meeting of the Japan Society for Respiratory Endoscopy, Japan
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes

3. (2021). Invited speaker. Advances in Endoscopic Treatment of Lung Cancer. Expert Session III: State of the Art of Lung Cancer for Community and Academic Practices. 59th Eastern Cardiothoracic Surgical Society Annual Meeting, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
4. (2019). EBUS Anatomy of the Mediastinum and Lung Cancer Staging 8th Edition with Case Studies (Invited Lecture), 2) Hands-on Workshop (EBUS-TBNA). Interventional Pulmonology, 36 Years of Excellence, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
5. (2019). Invited speaker. Recent Advances in Endobronchial Ultrasound – What is Available Now and What to Expect in the Near Future. 8th Asia-Pacific Congress of Bronchology and Interventional Pulmonology., Australia
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes

Student/Postdoctoral Supervision

Doctorate [n=2]

2021/10	Kate Kazlovich, University of Toronto
Principal Supervisor	Thesis/Project Title: Multi-camera systems and surgical education Present Position: PhD Candidate
2021/1	Andrew Effat, University of Toronto
Principal Supervisor	Thesis/Project Title: Optimizing Photothermal Therapy Conformation through Characterization of Nanoparticle Distribution Present Position: PhD Candidate

Post-doctorate [n=8]

2024/11	Noriko Hayama, TGRi
Principal Supervisor	Thesis/Project Title: Development of Transbronchial Diagnostics and Therapeutics of Lung Cancer Present Position: Research Fellow
2024/7	Kentaro Miura, TGRi
Principal Supervisor	Thesis/Project Title: Nanoparticle enabled transbronchial therapeutics Present Position: Research Fellow
2024/3	Hironori Hinokuma, TGRi
Principal Supervisor	Thesis/Project Title: The development of a predictive tool for treatment decisions using a patient-derived mouse lung cancer model Present Position: Research Fellow
2023/11	Yusuke Fujibayashi, TGRi
Principal Supervisor	Thesis/Project Title: Development of Organoid with EBUS-TBNA samples Present Position: Research Fellow
2023/4	Kenta Nakahashi, TGRi
Principal Supervisor	Thesis/Project Title: Kenta Nakahashi MD, PhD, Postdoctoral Fellow (April 2023 – present) Present Position: Research Fellow

2023/4 Principal Supervisor	Takahiro Yanagihara, TGRI Thesis/Project Title: · TakahiroYanagihara MD, PhD, Postdoctoral Fellow (April 2023 – present) Present Position: Research Fellow
2022/6 Principal Supervisor	Fumi Yokote, TGRI Thesis/Project Title: Minimally Invasive Transbronchial Approach for Nanotechnology-mediated Photodynamic Therapy of Peripheral Lung Cancer Present Position: Research Fellow
2021/5 - 2024/5 Principal Supervisor	Takamasa Koga, TGRI Thesis/Project Title: The development of a predictive tool for treatment decisions using a patient-derived mouse lung cancer model Present Position: Research Fellow