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Dr. Renelle Lesley Myers

Correspondence language: English

Sex: Female

Date of Birth: 12/25

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

Contact Information

The primary information is denoted by (*)

Address

Primary Affiliation (*)

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Dr. Renelle Myers

Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	

Degrees

2001/8 - 2005/8	Doctorate, Medicine, The University of Manitoba Degree Status: Completed
1991/9 - 1995/5	Bachelor's, Bachelor of Science, Brandon University Degree Status: Completed

Credentials

2010/9	Respiratory Fellowship, Royal College of Physicians and Surgeons of Canada
2008/6	Internal Medicine Fellow, Royal College of Physicians and Surgeons of Canada
2006/10	Licentiate, Part 1 & 2, Medical Council of Canada
2005/8	MD, The University of Manitoba
2010/7 - 2011/6	Interventional Pulmonary Fellow, Harvard Medical School
2008/7 - 2010/7	Respiratory Fellow, The University of Manitoba
2005/7 - 2008/6	Internal Medicine Residency, The University of Manitoba
1991/9 - 1995/5	Bachelor of Science, Brandon University

User Profile

Researcher Status: Researcher

Research Career Start Date: 2016/09/01

Engaged in Clinical Research?: Yes

Research Specialization Keywords: Clinical Trials, Optical Imaging, Respiratory Medicine, Respiratory Treatments

Disciplines Trained In: Pneumology

Research Disciplines: Oncology, Preventive and Community Medicine

Areas of Research: Cancer Diagnosis and Detection, Lung Cancer, Smoking and Cancer

Fields of Application: Biomedical Aspects of Human Health, Health System Management, Public Health

Employment

2020/1	Director of Leung Breathomics Lab Integrative Oncology, BC Cancer, BC Cancer, part of the Provincial Health Services Authority Full-time Director of Leung Breathomics Lab Areas of Research: Environment and Respiratory Diseases, Lung Cancer
2019/6	Scientist BC Cancer Agency Part-time
2018/9	Director of Bronchoscopy Vancouver General Hospital Directory of Bronchoscopy
2018/1	Lead, BC Cancer Smoking Cessation Project BC Cancer Agency Part-time To implement smoking cessation for all cancer patients (current smokers) at all six sites across the province
2017/9	Pulmonologist BC Cancer Agency
2017/9	Pulmonologist Vancouver General Hospital
2016/9	Clinical Associate Professor Medicine, Respiratory Medicine, University of British Columbia Full-time
2011/8 - 2016/8	Assistant Professor Medicine, Respiratory Medicine, The University of Manitoba Full-time

Affiliations

The primary affiliation is denoted by (*)

(*) 2016/9 Clinical Associate Professor, University of British Columbia

Research Funding History

Awarded [n=20]

2024/4 - 2029/3 Angular contrast multimodal optical imaging for lung cancer assessment, Grant
Co-investigator Clinical Research Project?: Yes

Funding Sources:

2024/4 - 2029/3 Natural Sciences and Engineering Research Council of Canada (NSERC)
Project Grant
Total Funding - 500,000
Portion of Funding Received - 100,000 (Canadian dollar)
Funding Renewable?: No
Funding Competitive?: Yes

2024/4 - 2029/3 Co-applicant	Lungs on Fire, Grant, Operating Clinical Research Project?: Yes Funding Sources: 2024/4 - 2029/3 Canadian Institutes of Health Research (CIHR) Project Grant Total Funding - 2,000,000 Portion of Funding Received - 399,998 (Canadian dollar) Funding Renewable?: No Funding Competitive?: Yes
2023/3 - 2028/12 Principal Investigator	HEALTH PROFESSIONAL-INVESTIGATOR (HP-I) PROGRAM, Scholarship Clinical Research Project?: Yes Funding Sources: Michael Smith Foundation for Health Research Health Professional-Investigator Program Total Funding - 465,000 (Canadian dollar) Funding Competitive?: Yes
2023/4 - 2028/12 Principal Investigator	Improving Detection on Early Lung Cancer in a diverse Population, Grant, Operating Clinical Research Project?: Yes Funding Sources: Canadian Cancer Society Breakthrough Grant Total Funding - 5,400,000 Funding Competitive?: Yes
2023/7 - 2027/6 Co-investigator	The Environment and Lung Cancer, Grant, Operating Clinical Research Project?: Yes Funding Sources: Terry Fox Research Institute (TFRI) PPG Total Funding - 2,200,000 Funding Competitive?: Yes
2022/5 - 2027/5 Principal Applicant	VCH/UBC foundation for the early detection of lung cancer, Grant, Operating Clinical Research Project?: Yes Project Description: Early detection of Lung cancer via detecting dysbiosis in the microbiome via exhaled VOCs. Funding Sources: 2022/5 - 2027/5 UBC foundation Early detection of lung cancer Total Funding - 1,000,000 (Canadian dollar) Portion of Funding Received - 25,000 (Canadian dollar) Funding Renewable?: No Funding Competitive?: No
2023/10 - 2025/12 Co-applicant	Lung Cancer Screening and Early Detection in Never Smokers- Radon, Grant, Equipment Clinical Research Project?: Yes

Funding Sources:

Health Canada
 ROCP
 Total Funding - 51,000 (Canadian dollar)
 Funding Competitive?: Yes

2023/3 - 2024/3
 Co-investigator

A pilot study on the effect of high ambient air pollution exposure on lung age and EGFR mutation in never smokers with lung cancer, Grant, Operating
 Clinical Research Project?: Yes

Funding Sources:

2023/6 - 2024/6 Lung Cancer Canada
 Lung Ambition Awards
 Total Funding - 50,000 (Canadian dollar)
 Funding Renewable?: No
 Funding Competitive?: Yes

2023/3 - 2024/3
 Co-investigator

Utility of blood "liquid biopsy" for lung cancer circulating tumor DNA (ctDNA) in surgical patients, Grant
 Clinical Research Project?: Yes
 Project Description: UBC Department of Surgery

Funding Sources:

2023/3 - 2024/3 University of British Columbia
 Department of Surgery
 Total Funding - 15,000 (Canadian dollar)
 Funding Renewable?: No
 Funding Competitive?: Yes

2021/3 - 2024/3
 Co-investigator

Mitigating the Adverse Impact of Obesity on Lung Carcinogenesis Using the Antidiabetic Agent Metformin, Grant, Operating
 Clinical Research Project?: Yes
 Project Description: NIH-NCI 1 R01 CA255515-01 & NWU20-04-01

Funding Sources:

2021/3 - 2024/3 National Institutes of Health (NIH) (USA)
 NIH-NCI 1 R01
 Total Funding - 203,148 (Canadian dollar)
 Funding Competitive?: Yes
 Funding Reference Number: CA255515-01 & NWU20-

2021/5 - 2023/4
 Principal Investigator

Early detection of lung cancer using VOC from breath and sweat, Grant, Operating

Funding Sources:

2020/1 - 2022/1 Canadian Cancer Society
 Spark-21
 Total Funding - 150,000
 Portion of Funding Received - 150,000
 Funding Competitive?: Yes

2024/4 - 2023/3
 Co-investigator

Lungs on Fire, Grant
 Clinical Research Project?: Yes

Funding Sources:

2024/4 - 2029/3 Canadian Institutes of Health Research (CIHR)
 Total Funding - 2,000,000
 Portion of Funding Received - 399,998 (Canadian dollar)
 Funding Renewable?: No
 Funding Competitive?: Yes

2021/9 - 2022/12 Particulate Matter Exposure on volatile Organic compounds (VOC) in Breath and Serum of
 Principal Applicant Healthy Participants, Grant, Operating
 Clinical Research Project?: Yes
 Project Description: Using Breath and serum to measure changes after a 2-hour air
 pollution challenge.

Funding Sources:

2021/9 - 2022/12 Owlstone Medical Ltd.
 Private Grant
 Total Funding - 201,300 (Canadian dollar)
 Portion of Funding Received - 138,000 (Canadian dollar)
 Funding Renewable?: No
 Funding Competitive?: No

2021/11 - 2022/10 Is Obstructive Sleep Apnea a Novel Risk Factor for Cancer?, Grant, Operating
 Principal Applicant Clinical Research Project?: Yes
 Project Description: Determining if Obstructive Sleep Apnea is a Novel risk factor for
 cancer.

Funding Sources:

2021/11 - 2022/10 Mathematics of Information Technology and Complex Systems
 (MITACS)
 Mitacs Accelerate
 Total Funding - 40,000 (Canadian dollar)
 Portion of Funding Received - 0 (Canadian dollar)
 Funding Renewable?: No
 Funding Competitive?: Yes
 Funding Reference Number: IT23671

2019/7 - 2022/4 Pilot breathomics study for biomarker discovery in lung cancer, Grant, Operating
 Principal Investigator Clinical Research Project?: Yes
 Project Description: To establish a Breathomics Laboratory to use VOCs in exhaled
 breath to detect early lung cancer. The long-term goal is to use exhaled breath analysis to
 examine the effect of environmental exposures such as air pollutants in the lungs

Funding Sources:

2019/10 - 2022/9 Lung Cancer Canada
 GOMFR
 Total Funding - 25,000 (Canadian dollar)
 Portion of Funding Received - 25,000
 Funding Competitive?: Yes

2021/4 - 2022/3 AIREWISE - A community-centered risk communication package for prevention and early
 Co-investigator detection of airways disease, Grant, Workshop

Funding Sources:

2021/3 - 2022/3 Michael Smith Foundation for Health Research
N/A
Total Funding - 15,000
Portion of Funding Received - 15,000
Funding Competitive?: Yes

2016/7 - 2021/6
Co-investigator

Prospective Evaluation of Selection Criteria for Lung Cancer Screening with Low-dose Thoracic Computed Tomography and Standardized System for Nodule Management - An International Study, Grant, Operating
Clinical Research Project?: Yes
Project Description: Lung cancer screening trial, recruiting and screening 2000 patients in Vancouver as part of a larger contingent

Funding Sources:

2016/7 - 2021/6 VGH & UBC Hospital Foundation
Lung Cancer Screening Trial
Total Funding - 1,320,000 (Canadian dollar)
Portion of Funding Received - 1,320,000
Funding Competitive?: Yes

2020/6 - 2021/5
Principal Applicant

Volatile Organic Compounds in Breath for the Detection of Covid-19, Grant, Operating

Funding Sources:

2021/3 - 2023/3 Vancouver Coastal Health Research Institute (VCHRI)
VCHRI
Total Funding - 310,000
Portion of Funding Received - 31,000 (Canadian dollar)
Funding Competitive?: Yes

2020/6 - 2021/5
Principal Applicant

Volatile Organic Compounds in Breath for the Detection of Covid-19, Grant, Operating

Funding Sources:

2020/9 - 2023/12 Vancouver Coastal Health Research Institute (VCHRI)
n/a
Total Funding - 35,000 (Canadian dollar)
Portion of Funding Received - 35,000 (Canadian dollar)
Funding Competitive?: Yes

2017/1 - 2020/12
Co-investigator

Pan-Canadian Early Detection of Lung Cancer: Extension Study, Grant, Operating

Funding Sources:

2017/1 - 2020/12 Terry Fox Research Institute (TFRI)
N/A
Total Funding - 1,998,991 (Canadian dollar)
Portion of Funding Received - 1,998,991
Funding Competitive?: Yes

Completed [n=2]

2019/9 - 2022/3
Principal Applicant

BC Cancer Smoking Cessation Program, Grant, Operating
Clinical Research Project?: Yes
Project Description: Initiating a smoking cessation program to cancer patients at the first visit to BC cancer at all 6 sites across the province. Data collection was set up to track impact and follow outcomes.

Funding Sources:

Canadian Partnership Against Cancer
BC Smoking Cessation Program
Total Funding - 150,000
Funding Competitive?: Yes

Funding by Year:

2019/9 - 2022/3 Total Funding - 150,000 (Canadian dollar) (Canadian dollar)

2019/1 - 2021/12 Center for lung health scholarship, Scholarship
Principal Investigator Clinical Research Project?: No

Funding Sources:

2019/1 - 2021/12 Vancouver Coastal Health Research Institute (VCHRI)
Center for lung health Scholarship
Total Funding - 180,000 (Canadian dollar)
Funding Competitive?: Yes

Courses Taught

Teacher, Chest Disease Center, Harvard University
Course Title: Introduction to Interventional Pulmonology
Academic Session: Spring
Guest Lecture?: Yes

Instructor, Medicine, Technical University of British Columbia
Course Title: Crash Course
Course Topic: Smoking Cessation

Teacher, Chest Disease Center, Harvard University
Course Title: Ultrasound Course
Section: Lung pleura and cardiac ultrasound
Academic Session: Spring
Guest Lecture?: Yes

Teacher, University of British Columbia
Course Title: Medicine
Course Topic: Hemoptysis Lecture
Course Level: Post Graduate

Teacher, The University of Manitoba
Course Title: Ultrasound
Section: Lung pleura and cardiac ultrasound
Guest Lecture?: Yes

Lecturer, University of British Columbia
Course Title: Hemoptysis
Course Topic: Pulmonary disease
Number of Students: 100
Guest Lecture?: No

Course Development

Program Director of Interventional Bronchoscopy, The University of Manitoba
 Course Title: Developed an Interventional Pulmonary Program. Including introducing EBUS and pleurx insertion to the province.

Program Development

- 2019/7 Committee Member, Dept. of Medicine, University of British Columbia
 Program Title: Respiratory Fellowship
 Program Description: Planning and organizing the respirology fellowship.
- 2016/4 Member, The University of Manitoba
 Program Title: Provincial Clinical and Preventive Services Plan and Health Human Resources Plan Working Group
 Course Level: Post Graduate
 Program Description: Quantitative analysis of population and provider data from throughout the province will ensure the focus is driven by population health needs (my role was specific to pulmonary, focusing on lung cancer)
- 2013/9 Member, Canadian Partnership against Cancer
 Program Title: Pan-Canadian Lung Cancer Screening Network
 Program Description: Developing lung cancer screening guidelines for Canada
- 2012/7 Member, CancerCare Manitoba
 Program Title: Cancer Patient Journey Surgical Working Group
 Course Level: Post Graduate
 Program Description: Working to reduce the time from suspicion to diagnosis of lung cancer to 60 days
- 2011/7 Member, Respiratory Medicine, The University of Manitoba
 Program Title: Respiratory Medicine Residency Program
 Program Description: Plan and evaluate the respiratory residency program
- 2011/7 member, Thoracic Surgery, The University of Manitoba
 Program Title: Thoracic Surgery Residency Program
 Program Description: Plan, evaluate and contribute to the thoracic surgery residency program
- 2011/7 Director, Respiratory Medicine, The University of Manitoba
 Program Title: Interventional Pulmonary Program Development
 Course Level: Post Graduate
 Program Description: Created and directed a comprehensive EBUS program and tunneled indwelling catheter program for the province of Manitoba
- 2011/7 Member, Respiratory Medicine, The University of Manitoba
 Program Title: Redesign of city wide endoscopy services committee
 Course Level: Post Graduate
 Program Description: Responsible for redesigning city-wide endoscopy and bronchoscopy services into a central intake to better utilize resources, as well as design a new clinical space for procedures to enhance patient flow.

Student/Postdoctoral Supervision

Doctorate [n=5]

2024/7 - 2025/7 Principal Supervisor	Michael Brown (Completed) , BC Cancer Student Canadian Residency Status: Student Work Permit
2023/3 - 2026/3 Principal Supervisor	Kristian Kiland (Completed) , BC Cancer Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Breathomics Lab Present Position: Post-Doctorate
2022/6 - 2024/6 Co-Supervisor	Carmen Wong, University of British Columbia Student Canadian Residency Status: Not Applicable Thesis/Project Title: MD- Respiratory Fellow Present Position: Fellow
2021/7 - 2022/6 Co-Supervisor	Ken Sun (In Progress) , University Of British Columbia Student Degree Start Date: 2021/7 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Interventional Pulmonary Fellowship Present Position: Resident
2019/7 - 2023/6 Co-Supervisor	Ian Janzen (In Progress) , University of British Columbia Student Degree Start Date: 2019/6 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: The use of AI in the detection of lung cancer from indeterminate pulmonary nodules. Present Position: Student

Post-doctorate [n=3]

2019/4 - 2020/2 Co-Supervisor	Christopher Langton (In Progress) , University of British Columbia Student Degree Start Date: 2019/4 Student Degree Expected Date: 2020/3 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Interventional Pulmonology Present Position: Interventional Respirology Fellow
2018/7 - 2019/3 Co-Supervisor	James Bras (Completed) , University of British Columbia Student Degree Start Date: 2018/7 Student Degree Received Date: 2019/3 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Interventional Respirology Present Position: Interventional Respirology Fellow
2017/7 - 2018/6 Co-Supervisor	Josh Henkelman (Completed) , University of British Columbia Student Degree Start Date: 2017/8 Student Degree Received Date: 2018/6 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Interventional Pulmonology Present Position: Interventional Respirology Fellow

Staff Supervision

Number of Scientific and Technical Staff: 3

Number of Visiting Researchers: 1

Number of Highly Qualified Personnel in Research Training: 1

Number of Employees: 4

Event Administration

Moderator and Speaker, Canadian Lung Cancer Conference, Conference, Dr. Barb Melowsky
 Moderator and course director for respiratory portion of the program
 2019/6 - 2022/12 Organizer, Canadian Lung Cancer Conference, Conference
 Responsible for organizing and inviting the respirology section and guest speakers.

Mentoring Activities

2019/7 - 2022/6 Mentor, University of British Columbia
 Number of Mentorees: 2
 Respiratory resident mentor- assigned a resident from the program director to mentor over their 2 year fellowship

Journal Review Activities

Reviewer, Canadian Journal of Respiratory, Critical Care and Sleep Medicine
 Number of Works Reviewed / Refereed: 7
 Reviewer, American Journal of Respiratory and Critical Care Medicine-Blue
 Number of Works Reviewed / Refereed: 3
 2021/1 Associate Editor, Canadian Journal of Respiratory, Critical Care, and Sleep medicine
 Number of Works Reviewed / Refereed: 10
 2020/1 Editorial Board, Journal of Breath Research

Research Funding Application Assessment Activities

2022/1 - 2022/3 Committee Member, PH Catalyst Grant, Funder, Academic Reviewer, University of British Columbia
 Number of Applications Assessed: 46

Community and Volunteer Activities

2017/9 Representative, BC Cancer Agency
 On behalf of the Canadian partnership against Cancer and the Pan Canadian Network Against Tobacco - Member of the working group for smoking cessation across Canada, associated with integrating smoking cessation and relapse prevention to improve quality of cancer care
 2017/2 Co-director, Canadian Lung Cancer Conference 2017
 Co-director, Interventional Pulmonology Hands-on Workshop
 2011/9 - 2016/9 Lead, Cancer Care Manitoba
 Lead on the lung cancer screening project for Cancer Care Manitoba

2012/7 - 2016/7	Member, Cancer Care Manitoba Member of Cancer Patient Journey, surgical working group. Working to reducing the time from suspicion to diagnosis of lung cancer to 60 days
2014/7 - 2016/6	Treasurer, Manitoba Thoracic Society Responsible for all financial dealing of the society and on planning committee for yearly conference
2011/7 - 2016/6	Director, Interventional Pulmonary Program Development, the Province of Manitoba Created and directed a comprehensive EBUS program and tunneled indwelling catheter program for the province of Manitoba

Committee Memberships

2018/9	Committee Member, UBC Respiratory Medicine Division Recruitment Committee, University of British Columbia
2018/9	Committee Member, UBC Resident Training Committee for Respirology, University of British Columbia
2018/9	Committee Member, UBC Resident Training committee for Thoracic Surgery, University of British Columbia
2017/1	Committee Member, Canadian Lung Cancer Conference, BC Cancer Agency Co-director, Interventional Pulmonology Hands-on Workshop
2014/1 - 2016/1	Committee Member, Manitoba Thoracic Society, Manitoba Thoracic Society Treasurer - Responsible for all financial dealings of the society. Part of planning committee for yearly conference

Other Memberships

2011/8	Member, Canadian Assembly for Chest procedures
2011/8	Member, Canadian Thoracic Society
2011/7	Member, WABIP
2010/9	Member, American Thoracic Society
2010/9	Member, American College of Chest Physicians
2010/7	Member, American Association for Bronchology & Interventional Pulmonology

Presentations

- (2024). Breathomics. 2024 BC Proteomics Metabolomics Network Symposium, Burnaby, Canada
Main Audience: General Public
Invited?: Yes, Keynote?: No, Competitive?: No
- (2024). Going to the Source- Identifying VOCs from tumor microenvironment of patients with early lung cancer in-vivo. ” International Association of Breath Research, Indianapolis, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes, Competitive?: Yes

3. (2024). P2.04A.02 Using an AI Transformer Model to Identify Incidental Pulmonary Nodules (IPN) For Lung Cancer Early Detection. 2024 World Conference on Lung Cancer, San Diego, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No, Competitive?: Yes
4. (2024). Going to the Source- Identifying VOCs from tumor microenvironment of patients with early lung cancer in-vivo. International Association of Breath Research, Indianapolis, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes, Competitive?: Yes
Description / Contribution Value: Indiana University School of Medicine
5. (2024). P1.01A.02 Monitoring Inflammatory Response Secondary to Air Pollution Exposure Through Volatile Organic Compounds. 202 World Conference on Lung Cancer, San Diego, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: Yes
6. (2024). Novel Approach to Directly Sample Lung-Specific Volatile Organic Compounds in Exhaled Breath. American Thoracic Society, San Diego, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No, Competitive?: Yes
Description / Contribution Value: R. Myers, S.A. Borden, D.M. Ruzskiewicz, C. Bartolomeu, A. Meister, J. Dong, K.J. Kiland, Y. Mok, C. MacAulay, and S. Lam.
7. (2024). P2.04A.02 Using an AI Transformer Model to Identify Incidental Pulmonary Nodules (IPN) For Lung Cancer Early Detection. 2024 World Conference on Lung Cancer, San Diego, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No, Competitive?: Yes
8. (2024). Early Detection of Lung Cancer through VOC's. SFU Metabolomics meeting talks, Burnaby, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes, Competitive?: No
9. (2024). Breathomics for the Early Detection of lung Cancer. ASMS follow up, Vancouver, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes, Competitive?: Yes
10. (2023). Lung Cancer Screening-the past, present and future. Australian Lung Cancer Conference 2023, Brisbane, Australia
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes, Competitive?: No
11. (2023). Smoking Cessation in Cancer Systems. BC Cancer Kelowna Grand Rounds, Kelowna, Canada
Main Audience: Knowledge User
Invited?: Yes
Description / Contribution Value: BC Cancer Kelowna Grand Rounds
12. (2023). Detection of Lung Cancer in People Without a Smoking History Using Exhaled Breath as an Exogenous Probe. IASLC World Lung Conference 2023, Singapore
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: Yes
Description / Contribution Value: P1.13-08
13. (2023). WS04.11 Environmental Factors. IASLC World Lung Conference, Singapore
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: Yes
14. (2023). Clinician Researchers. Faculty of Surgery Research Day, Vancouver,
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes

15. C.D. Berg. (2023). P1.01-13 Amelioration of the Toll of Air Pollution on Lung Cancer. IASLC World Lung Conference 2023, Singapore
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
16. (2022). Lung Cancer Screening and Incidental Lung Nodules. 5th Annual American Association for Bronchology and Interventional Pulmunology, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No
17. (2022). Lung Cancer Screening in Never Smokers. Lung Cancer Update Conference, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No
18. (2022). New Lung Cancer Treatments: What you need to know about immunotherapy. UBC Respiratory Update, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
19. Olaf Holz, Stephen Fowler, Terence Risby. (2022). What are the biggest unanswered questions in breath research?. Breath Biopsy Conference, Cambridge, United Kingdom
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
20. (2022). FDG-PET-CT for Staging Screen Detected Lung Cancer. 2022 World Conference on Lung Cancer, Vienna, Austria
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: Yes
21. (2022). Detection of SARS-COV-2 Infection in out Patients. International Association of Breath Research, Pisa, Italy
Main Audience: Researcher
Invited?: No, Keynote?: No, Competitive?: Yes
22. (2022). Evaluation of Outdoor Air Pollution Exposure to PM2.5 in female non-smoking Lung Cancer Patients. 2022 World Conference on Lung Cancer (IASLC), Vienna, Austria
Main Audience: Researcher
Invited?: Yes, Keynote?: No, Competitive?: Yes
23. (2021). Prospective Evaluation of the international Lung Screening Trial (ILST) Protocol for Management of First Screening LDCT. 2021 World Conference on Lung Cancer, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No
24. (2021). Reflections from the Clinical Front Line in Community Breath Testing for COVID-19. International Association of Breath Research, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes
25. (2020). Breath biomarkers for the early detection of lung cancer. 2020 Breath Biopsy Conference, United Kingdom
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes
26. (2020). Best of Lung Cancer Screening. UBC Respiratory Update, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No

27. (2018). Lung and pleural ultrasound. Canadian Respiratory Conference, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
28. (2018). 1. Smoking cessation of the lung cancer patients 2. Outdoor air pollution as an individual cancer risk factor. BC cancer Summit 2018, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
29. (2018). Risk prediction models for lung cancer screening. AABIP, San Diego, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
30. Myers R, Ruparel M, Taghizadeh N, et al. (2017). Optimal Selection Criteria for LDCT Lung Cancer Screening. World Lung Cancer Conference, Yohohama, Japan
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
31. Yuan R, Tammemagi M, Ritchie AJ, et al. (2017). Lung Nodule Malignancy Risk Prediction - Diameter or Volumetric Measurement. World Lung Cancer conference, Yokohama, Japan
Main Audience: Knowledge User
Invited?: Yes, Keynote?: Yes
32. (2016). Ultrasound in Respiriology. Canadian Respiratory Conference, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
33. (2015). Advanced Pleural Disease. Calgary Interventional Course, Calgary, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
34. Colbourne T, Myers R. (2015). Three-Dimensional (3D) Printing as a Tool for Tracheostomy Tube Management for Complicated Airways. University of Manitoba Internal Medicine Research Day, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
35. (2015). Ultrasound in Respiriology. Canadian Respiratory Conference, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
36. Qanash S, Myers R. (2015). Unusual Manifestation of a Rare Endotracheal Disease. CHEST, Montreal, Canada
Main Audience: Knowledge User
37. (2015). If it's not COPD then what is it?. Manitoba Lung Association, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
38. (2014). Ultrasound in Respiriology. Canadian Respiratory Conference, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
39. (2014). EBUS in the era of molecular testing. Cancer Care Manitoba Thoracic Malignancy Conference, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No
40. (2014). Palliating dyspnea. University of Manitoba Palliative Care Grand Rounds, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No

41. (2014). EBUS and Cytology. University of Manitoba Pathology Grand Rounds, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No, Competitive?: No

Text Interviews

- 2022/08/03 Leaders in the Field: Renelle Myers on translating breath research into the clinic, Owlstone Medical
<https://www.owlstonemedical.com/about/blog/2022/aug/3/litf-renelle-myers/>

Publications

Journal Articles

1. Mojibian A, Jaskolka J, Ching G, Lee B, Myers R, Devine C, Nicolaou S, Parker W. (2025). The Efficacy of a Named Entity Recognition AI Model for Identifying Incidental Pulmonary Nodules in CT Reports. *Can Assoc Radiol J*.76(1): 68-75.
<http://dx.doi.org/doi: 10.1177/08465371241266785>
Published, PubMed,
Refereed?: Yes, Open Access?: Yes
Description / Contribution Value: PubMed PMID: 39066637.
2. Hirsch Allen AJ, Kendzerska T, Bhatti P, Jen R, Myers R, Hajipour M, van Eeden SF, Ayas N. (2024). Obstructive sleep apnea severity, circulating biomarkers, and cancer risk. *J Clin Sleep*. 20(9): 1415-1422.
<http://dx.doi.org/doi: 10.5664/jcsm.11170>
Co-Author,
Refereed?: Yes, Open Access?: Yes, Synthesis?: No
Description / Contribution Value: PubMed PMID: 38648119; PubMed
3. A.J. Hirsch Allen, PhD, Tetyana Kendzerska, MD, PhD, Parveen Bhatti, MD, Rachel Jen, MD, Renelle Myers, ND, Mohammadreza Hajipour, MSc, Stephan F. van Eeden, MD, PhD, Najib Ayas, MD, MPH. (2024). Obstructive sleep apnea severity, circulating biomarkers, and cancer risk. *Journal of Clinical Sleep Medicine*. 1550(9389): 1550-9389.
<http://dx.doi.org/https://doi.org/10.5664/jcsm.11170>
Published, , Open Access?: Yes
4. Kristian J Kiland, Lucas Martins, Scott Arthur Borden, Stephen Lam and Renelle Myers. (2024). Stability of Volatile Organic Compounds in Thermal Desorption Tubes and in Solution. *Journal of Breath Research*. 1(1): 1-20.
<http://dx.doi.org/10.1088/1752-7163/ada05c>
Accepted, Journal of Breath Researrrch,
5. Marthe Charles, Dorota Ruszkiewicz, Eric Eckbo, Elizabeth Bryce, Teresa Zurberg, Austin Meister, Lâle Aksu, Leonardo Navas, Renelle Myers. (2024). The science behind the nose: correlating volatile organic compound characterization with canine biodetection of COVID-19. *ERJ Open Research*. 10(2): 1-10.
<http://dx.doi.org/10.1183/23120541.00007-2024>
Published,
6. Marjanovic S, Page A, Stone E, Currie DJ, Rankin NM, Myers R, Brims F, Navani N, McBride KA. (2024). Systemsmapping: a novel approach to national lung cancer screening implementation in Australia. *Transl Lung Cancer Res*.13(10): 2466-2478.
<http://dx.doi.org/doi: 10.21037/tlcr-24-425>
Published,
Refereed?: Yes, Open Access?: Yes
Description / Contribution Value: PubMed PMID: 39507020; PubMed Central PMCID: PMC11535840.

7. Stone E, Myers R. (2023). Advances in lung cancer: a ground-breaking decade. *Lancet Respir Med*.11(5): 407-409.
[http://dx.doi.org/10.1016/S2213-2600\(23\)00133-9](http://dx.doi.org/10.1016/S2213-2600(23)00133-9)
Published,
8. Hill W, Lim EL, Weeden CE, Lee C, Augustine M, Chen K, Kuan F, Maronglu F, Evans EJ, Moore DA, Rodrigues FS, Pich O, Bakker B, Cha H, Myers R...Swanton C et al. (2023). Lung Adenocarcinoma Promotion by Air Pollutants. *Nature*. 616(7955): 159-167.
<http://dx.doi.org/10.1038/s41586-023-05874-3>
Published,
9. Wu, F. T. H., Diab, M., Myers, R., Ho, C., Lam, S., & McGuire, A. (2023). Update on lung cancer. *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine*. 7(4): 201-205.
<http://dx.doi.org/https://doi.org/10.1080/24745332.2023.2226>
Published,
10. Florence T.H. Wu, Mohammad Diab, Renelle Myers, Cheryl Ho, Stephen Lam & Anna McGuire. (2023). Update on lung cancer. *Canadian Journal of Respiratory, Critical Care, and Sleep Medicine*,. 7(4): 201-205.
<http://dx.doi.org/DOI: 10.1080/24745332.2023.2226410>,
11. Myers R, Ruskiewicz DM, Meister A, Bartolomeu C, Atkar-Khattra S, Thomas CLP, Lam S. (2023). Breath testing for SARS-CoV-2 infection. *EBioMedicine*. 92(104584): 1-10.
Published,
12. Christine D. Berg, Joan H. Schiller, Paolo Boffetta, Jing Cai, Casey Connolly, Anna Kerpel-Fronius, Andrea Borondy Kitts, David C.L. Lam, Anant Mohan, Renelle Myers, Tejas Suri, Martin C. Tammemagi, Dawei Yang, Stephen Lam. (2023). AIR POLLUTION AND LUNG CANCER A Review by International Association for the Study of Lung Cancer Early Detection and Screening Committee. *Journal of Thoracic Oncology*. 10(4): 1-3.
<http://dx.doi.org/https://doi.org/10.1016/j.jtho.2023.05.024>, , Open Access?: No
Description / Contribution Value: <https://www.sciencedirect.com/science/article/pii/S1556086423006019>
13. Sonya Cressman Marianne F. WeberPreston J. Ngo Stephen Wade Silvia Behar Harpaz Michael Caruana Alain Tremblay Renee Manser EmilyStone Sukhinder Atkar-Khattra Deme Karikios Cheryl Ho Aleisha Fernandes Jing Yi Weng Annette McWilliams Renelle Myers John Mayo John Yee Ren Yuan Henry M Marshall Kwun M Fong Stephen Lam Karen Canfell Martin C Tammemägi. (2023). Economic impact of using risk models for eligibility selection to the International Lung Screening Trial. *Lung Cancer*. 176: 38-45.
<http://dx.doi.org/https://doi.org/10.1016/j.lungcan.2022.12.011>
Co-Author
Published, *Lung Cancer*,
Refereed?: No, Open Access?: Yes
14. Warren, Graham W. and Silverman, Caroline and Myers, Renelle and Antle, Scott and Hewitson, Shelley and Friesen, Brent and Stewart, Archie and McKenzie, Emily and Evans, William K. and Halligan, Michelle,. (2023). Increasing Access to Smoking Cessation in Cancer Care across Canada: Results of a National Quality Improvement Initiative. *Lancet*. 1: 1-18.
<http://dx.doi.org/http://dx.doi.org/10.2139/ssrn.4523753>
Submitted,
15. Ahmed Naseer, Kidane Biniam, Wang Le, Nugent Zoann, Moldovan Nataliya, McElrea April, Shariati-Ilevari Shiva, Qing Gefei, Tan Lawrence, Buduhan Gordon, Srinathan Sadeesh K., Meyers Renelle, Aliani Michel. (2022). Metabolic Alterations in Sputum and Exhaled Breath Condensate of Early Stage Non-Small Cell Lung Cancer Patients After Surgical Resection: A Pilot Study. *Frontiers in Oncology*. 12: 2234-22.
<http://dx.doi.org/10.3389/fonc.2022.874964>,
16. Ruskiewicz DM, Myers R, Henderson B, Yusof H, Meister A, Moreno S, Eddleston M, Darnley K, Nailon WH, McLaren D, Lao YE, Hovda KE, Lam S, Cristescu SM, Thomas CLP. (2022). Peppermint protocol: first results for gas chromatography-ion mobility spectrometry. *J Breath Res*.16(3): 1752-17.
<http://dx.doi.org/DOI: 10.1088/1752-7163/ac6ca0>,

17. Myers, Renelle; Ruskiewicz, Dorota; Meister, Austin; Atkar-Khattra, Sukhinder; Bartolomeu, Crista; Thomas, Paul; Lam, Stephen. (2022). Breath Collection protocol for SARS-COV-2 testing in an ambulatory setting. *J. Breath Res.*16(2): 1-11.
Published,
18. 5. Simon A. Houston, Christine M. McDonald, Chung-Chun Tyan, Marc Fortin, Lama Sakr, Ashley-Mae E. Gillson, Renelle Myers, Glenda N. Bendiak, Elaine Dumoulin, Anne V. Gonzalez & Christopher A. Hergott. (2021). Bronchoscopy during the COVID-19 pandemic: A Canadian Thoracic Society position statement. *Journal of Respiratory, Critical Care, and Sleep Medicine.* 5(4): 246-252.
<http://dx.doi.org/10.1080/24745332.2021.1915067>
Published,
19. Martin C. Tammemagi, Mamta Ruparel, Alain Trembley, Renelle Myers et al. (2021). Comparison of USPSTF 2013 versus PLCOm2012 lung cancer screening eligibility criteria: a prospective cohort study. *The Lancet Oncology.* 23(1): 138-148.
[http://dx.doi.org/10.1016/S1470-2045\(21\)00590-8](http://dx.doi.org/10.1016/S1470-2045(21)00590-8),
20. Renelle Myers, Michael Brauer, Trevor Drummer et al. (2021). High-Ambient Air Pollution Exposure Among Never Smokers Versus Ever Smokers with Lung Cancer. *Journal of Thoracic Oncology.* 16(11): 1850-1858.
<http://dx.doi.org/https://doi.org/10.1016/j.jtho.2021.06.015>,
21. McGuire A, Mousadoust D, Yeung, C, et al. (2020). Incidence of parapneumonic empyema and complex parapneumonic effusion: A retrospective cohort study of 1766 pneumonia cases at a tertiary-level regional thoracic surgery referral center. *Cdn J of Resp , Crit Care and sleep Med.* n/a: n/a.
Published,
Refereed?: Yes
22. Myers R, Lamb C. (2020). Can we "Up Our Game" in Bronchoscopy Training. *ATS Scholar.* 1(2): n/a.
Published,
Refereed?: Yes
23. Hohert G, Myers R, Lam S, Vertikov A, Lee A, lam S, Lane P. (2020). Feasibility of combined Optical Coherence Tomography and Autofluorescence Imaging (OCT-AFI) for visualization of needle biopsy placement. *J Biomed Optics.* 25(10): n/a.
Accepted,
24. Naso J, Bras J, Villamil C, Ionescu DN, Wang G, Shaipanich T, Beaudoin EL, Myers R, Lam S, Zhou C. (2020). Cytologic features and diagnostic value of PeriView FLEX transbronchial needle aspiration targeting pulmonary nodules. *Cancer Cytopathol.* 128(5): 333-340.
Published,
Refereed?: Yes
25. McGuire A, Hughesman C, McConechy M, Lam S, Myers R, Yee J, Tang E, Yip S. (2020). Optimizing Molecular Residual Disease Detection using Liquid Biopsy Postoperatively in Early Stage Lung Cancer. *Lung Cancer Management.* 9(2): N/A.
Accepted,
26. Sebek J, Kramer S, Rocha R, Yu KC, Bortel R, Beard WL, Biller DS, Hodgson DS, Ganta CK, Wibowo H, Yee J, Myers R, Lam S, Prakash P. (2020). Bronchoscopically delivered microwave ablation in an *in vivo* porcine lung model. *ERJ Open Res.*6(4): 1-11.
<http://dx.doi.org/doi: 10.1183/23120541>.
Published,
27. Lam S, Bryant H, Donahoe, L, et al. (2020). Management of screen-detected lung nodules: A Canadian Partnership against cancer guidance document. *Cdn J of Resp, Crit care and Sleep Med.* 4(4): 236-265. ,
Refereed?: Yes

28. McGuire AL, Myers R, Grant K, Lam S, Yee J. (2020). The Diagnostic Accuracy and Sensitivity for Malignancy of Radial-Endobronchial Ultrasound and Electromagnetic Navigation Bronchoscopy for Sampling of Peripheral Pulmonary Lesions: Systematic Review and Meta-analysis. *J Bronchology Interv Pulmonol.* 27(2): 106-121.
Published,
Refereed?: Yes
29. Sebek J, Kramer S, Rocha R, et al. (2020). Bronchoscopically delivered microwave ablation in an in vivo porcine lung model. *ERJ Open Res.* 6(4): 00146-2020.
Published,
Refereed?: Yes
30. Lim KP, Marshall H, Tammemagi M, Brims F, McWilliams A, Stone e, Manser R, Canfell K, Weber M, Connelly L, Bowman RV, Yang IA, Fogarty P, Mayo J, Yee J, Myers R, Atkar-Khattra S, lam DC, Rosell A, Berg CD, Fong KM, Lam S; International Lung Screening Trial (ILST) Investigators. (2020). Protocol and Rationale for the International Lung Screening Trial (ILST). *Ann Am Thorac Soc.* 17(4): 503-512.
Published,
Refereed?: Yes
31. 14. Tremblay A, Myers R, Beaudoin EL, Bonifazi M, Delage A, Fortin M, Hergott CA, MacEachern PR, Shaipanich T, Shieh B, Gasparini S, Lam S. (2019). Initial Clinical Experience with a Flexible Peripheral 21-G Needle Device. *J Bronchology Interv Pulmonol.* 5(4): 1-5.
<http://dx.doi.org/10.1016/j.lungcan.2019.07.033>
Published,
32. Ho C, Lefresne S, Liberman M, McGuire A, Palma D, Pender A, Snow S, Tremblay A, Myers R. (2019). Lung Cancer in Canada. *J Thorac Oncol.* 14(7): 1128-1133.
Co-Author
Published,
Refereed?: Yes
33. Wang G, Ionescu DN, Lee CH, Hiruki T, Myers R, Shaipanich T, Lam S, Melosky B, Zhou C. (2019). PD-L1 testing on the EBUS-FNA cytology specimens of non-small cell lung cancer. *Lung Cancer.* 136: 1-5.
Co-Author
Published,
Refereed?: Yes
Number of Contributors: 9
34. Tremblay A, Myers R, Beaudoin EL, Bonifazi M, Delage A, Fortin M, Hergott CA, MacEachern PR, Shaipanich T, Shieh B, Gasparini S, Lam S. (2018). Initial Clinical Experience with a Flexible Peripheral 21-G Needle Device. *J Bronchology Interv pulmonol.* 25(4): 346-348.
Published,
35. Myers R, Atkar-Khattra S, Mayo J, English J, Lam S. (2018). Subsolid Nodules in Lung Cancer Screening. *Am j Res Crit Care Med.* 197: N/A.
Published,
Refereed?: Yes
36. Das S, Grant K, Drewbrook C, Mousadoust D, Myers R, Nasir B, Yee J, McGuire A. (2017). A Cross-Sectional Study: Chest Tube Drainage: Practice patterns among Canadian Thoracic Surgeons Following Pulmonary Surgery. *Open Journal of Thoracic Surgery.* 7: 14-21.
Co-Author,
Refereed?: Yes
Number of Contributors: 8

37. Ahmed N, Bezabeh T, Ijare OB, Myers R, Alomran R, aliani M, Nugent Z, Banerji S, Kim J, Qing G, Bshouty Z. (2016). Metabolic Signatures of Lung Cancer in Sputum and Exhaled Breath Condensate Detected by ¹H Magnetic Resonance Spectroscopy: A Feasibility Study. *Magn Reson Insights*. 9: 29-35.
Co-Author
Published,
Refereed?: Yes
Number of Contributors: 11
38. Silvestry GA, Vachani A, Whitney D, Elashoff M, Porta Smith K, Ferguson JS, Parsons E, Mitra N, Brody J, Lenburg ME, Spira A; AEGIS Study Team. (2015). A Bronchial Genomic Classifier for the Diagnostic Evaluation of Lung Cancer. *N Engl J Med*. 373(3): 243-51.
Co-Author
Published,
Refereed?: Yes
39. Porhownik NR, Myers R, Bshouty Z. (2013). Directing therapy in pulmonary arterial hypertension using a target 6 min walk distance. *Can Respir J*. 20(2): 111-5.
Co-Author
Published,
Refereed?: Yes
Number of Contributors: 3
40. Myers R, Michaud G. (2013). Tunneled pleural catheters: an update for 2013. *Clin Chest Med*. 34(1): 73-80.
First Listed Author
Published,
Refereed?: Yes
Number of Contributors: 2
41. Majid A, Palkar A, Myers R, Berger RL, Folch E. (2013). Cryotechnology for staged removal of self-expandable metallic airway stents. *Ann Thorac Surg*. 96(1): 336-8.
Co-Author
Published,
Refereed?: Yes
Number of Contributors: 5
42. Myers R. (2012). Asbestos-related pleural disease. *Curr Opin Pulm Med*. 18(4): 377-81.
First Listed Author
Published,
Refereed?: Yes
Number of Contributors: 1

Book Chapters

1. Dorota M Ruskiewicz; Austin Meister; Renelle Myers,1. (2022). ION MOBILITY SPECTROMETRY IN CLINICAL AND EMERGENCY SETTING – RESEARCH AND POTENTIAL APPLICATIONS. Weigl, Stefan. *Chemistry of Exhaled Breath*.
Submitted, Weigl, Stefan, Germany
2. Myers R, Lam S. (2020). Early Diagnosis of Lung Cancer: Autofluorescence Bronchoscopy, Narrow-Band Imaging, Optical Coherence Tomography, Raman Spectroscopy. Ko-Pen Wang, Atul C. Mehta, J. Francis Turner Jr. *Flexible Bronchoscopy*. 4(9): 127-136.
In Press, John Wiley & Sons, United States of America

3. Myers R, Lam S. (2017). Early Cancer Detection. Felix J.F. Herth, Pallav L. Shah, Daniela Gompelman. *Interventional Pulmonology (ERS Monograph)*. : 89-102.
First Listed Author
Published, European Respiratory Society, United Kingdom
Refereed?: Yes

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Personal:

Date of Birth: December 6, 1970
Citizenship: Canadian, Romanian

Education/ Training:

2023-2025	European Master's in Molecular Pathology, University Cote D'Azur, France
2005-2006	Clinical Fellowship in Gynecologic Pathology, University of British Columbia, Vancouver General Hospital, Department of Pathology and Laboratory Medicine
2004-2005	AP Chief Resident, University of Pittsburgh Medical Center, Department of Pathology and Laboratory Medicine
2003-2004	CP Chief Resident, University of Pittsburgh Medical Center, Department of Pathology and Laboratory Medicine
2001-2005	Resident, University of Pittsburgh Medical Center, Department of Pathology and Laboratory Medicine (combined Anatomical Pathology and Clinical Pathology residency training)
1996-1997	Resident, University of Timisoara, Romania, Department of Neurology. Completed one and a half years of the five-year program prior to immigrating to Canada.
1989-1995	Medical Doctor Degree, University of Medicine and Pharmacy "Iuliu Hatieganu", Faculty of Medicine, Cluj-Napoca, Romania

Licensure	2006	Royal College of Physicians and Surgeons of Canada, Certification in Anatomical Pathology
	2006	American Board of Pathology, Certification in Anatomical Pathology
	2015	American Board of Pathology, Re-Certification in Anatomical Pathology
	2005-present	Medical License, British Columbia
	2004-present	Permanent Medical License, Commonwealth of Pennsylvania
	2000	ECFMG Certification (USMLE Step 1 and 2, CSA)
	2003	ECFMG Certification (USMLE Step 3)
	2003	Medical Council of Canada Evaluating Examination
Work Experience	09/2021-present	Medical Lead, Anatomic Pathology- BCC-VCC
	06/2022-present	Medical Director, British Columbia Cervical Cancer Screening Laboratory
	08/08-present	Medical Director Clinical Trials, BCCA Laboratories
	01/09-01/17	Program Director, Anatomical Pathology Residency Program, University of British Columbia
	8/06-present	Consultant Pathologist, British Columbia Cancer Agency (BCCA)
	7/14-present	Clinical Professor, University of British Columbia School of Medicine, Department of Pathology
	7/09-7/14	Clinical Associate Professor, University of British Columbia School of Medicine, Department of Pathology
	8/06-7/09	Clinical Assistant Professor, University of British Columbia School of Medicine, Department of Pathology
	7/07-present	Associate Faculty, University of British Columbia, Department of Obstetrics and Gynecology
	6/00-6/01	Postdoctoral Fellow, McDonald Research Laboratories/iCAPTURE, Vancouver, Canada

	7/98-6/00	Research Assistant , McDonald Research Laboratories/iCAPTURE, Vancouver, Canada
	12/95-3/97	Clinical Research Coordinator , Seder Inc. Romania. Inpatient and outpatient clinical trial
Professional Registration and Affiliation		Royal College of Physicians and Surgeons Canada (RCPSC) Canadian Association of Pathologists (CAP_ACP) College of American Pathologists (CAP) United States and Canadian Academy of Pathology (USCAP) American Society for Clinical Pathology (ASCP) Pulmonary Pathology Society (PPS) International Academy for Studying of Lung Cancer (IASLC) International Society of Liquid Biopsy (ISLB) American Molecular Pathology Society (AMP) Societatea Nationala De Oncologie Medicala Romana (SNOMR) Uniunea Patologilor din Romania (UNIPAT)
Committee Service	2024-present	Founder and First President-Uniunea Patologilor, UNIPAT, National Organization of Romanian Anatomic Pathologists
	2023-present	Member, Lung Screening Program Quality Management Committee (QMC).
	2021-2023	Member, Priorities Evaluation Committee (PEC), BC Cancer
	2024-present	Founder and Director, CAMP Education Association
	2016-present	Founder and Course Director- Canadian Anatomic and Molecular Pathology (CAMP) Conference, Whistler, BC, Canada www.pathologycamp.ca
	2020-present	Founder and Course Director- Canadian Anatomic and Molecular Pathology (CAMP)-Pathology Oncology Digital Series (PODS) CAMP PODS – Pathology Oncology Digital Series
	2012-present	Member, Executive Committee, Canadian Lung Cancer Conference
	2017-present	Thoracic Malignancies Lead, Personalized Oncogenomics (POG)-BC Cancer Genome Science Center
	2017-2018	

Steering Committee member- **PROFILE: Precision Oncology From genomic testing to Individualized patient care program**

2018-present
Editorial Board, Current Oncology

2015-present
Editorial Board, Precision Medicine, Archives of Pathology and Laboratory Medicine

07/2015-present
Medical Advisor, Lung Cancer Canada

7/2015
Member, Continuing Professional Development Committee, Canadian Association of Pathologists

6/2016
Advisor, PD-L1 Testing Development Consult Meeting- Bristol-Meyers Squibb

6/2016
Advisor, Immunotherapy in Lung and Bladder Cancers- Roche

2016-2018
Scientific Faculty Reviewer of the Advanced Lung Cancer Intervention for EGFR Mutation Positive Patients (ALIVE)

2/2016
Advisor, National Consultancy Meeting in NSCLC, Novartis

1/2016
Chair, National PDL-1 Testing Consultancy Meeting, Merck

2/2016
Advisor, National Oncology Consultancy meeting in Immunotherapy, Merck

2015-present
Canadian Partnership Against Cancer, Lung Cancer Expert Review Panel, Member

08/2016
T790M Mutation testing in NSCLC, global Advisory Board, Astra Zeneca

10/2015
Advisor, PD-L1 Testing Development Consult Meeting- Merck

11/2015
Medical Advisor Committee, Lung Cancer Canada, member

2014-2017
Association of Pathology Chairs, Program Directors Section, member

2009-present

2013-2015	Co-Chair, Guidelines for Pathology Reporting of Nodules working group, Pan-Canadian Lung Cancer Screening Network (PLCSN), Canadian Partnership Against Cancer
2012-present	Member and Consultant, CARE Group
2/2014	Lilly Alliance Canada, member
2013-present	Co-chair, Optimizing the Management of Advanced NSCLC, Vancouver, BC
06/2013	Member, Continuing Professional Development Committee, Canadian Association of Pathologists
2/2013	Advisor, National Advisory Board Meeting, Roche Canada, Vancouver
2011-present	Advisor, National Advisory Board Meeting, Boehringer Ingelheim Canada, Vancouver
2009-present	Royal College of Physicians and Surgeons of Canada Anatomical Pathology Subspecialty Committee
10/2011	Fourth Lung Cancer Advisory Board Meeting (Pfizer), Faculty Co-chair, Montreal, QC
09/2011	"Identifying ALK mutation positive NSCLC patients"- Western Canada Advisory Board Meeting (Pfizer), Vancouver, Canada
2010	Reviewer, Canadian Agency for Drugs and Technologies in Health
2010-present	Faculty, Canadian National Consensus meeting integrating biomarkers into the diagnosis and treatment of NSCLC, March 2010, Toronto, Canada
2010-2012	Consultant, Astra Zeneca's IRESSA Regional and National Advisory Board Meetings, Canada
2009-2011	Faculty Consultant, Canadian EGFR mutation testing Network (Astra Zeneca)
2009-2011	Member, Local Organizing Committee for CAP Annual Meeting, Vancouver 2011
2009	Faculty Co-Chair, Eli Lilly Advisory Meeting, Vancouver, January 2009

	2008	Consultant, Eli Lilly Canadian National Thoracic Advisory Meeting, Montebello, QC, July 2008
	2007-present	Pathology Representative, BC Cancer Agency Annual Meeting Organization Committee
	2004-present	Ad-hoc Reviewer for American Journal of Surgical Pathology
		Ad-hoc Reviewer for Archives of Pathology and Laboratory Medicine, Virchow's Archives of Pathology
	2003-2005	Ad-hoc Reviewer for Journal of Thoracic Oncology Resident Representative to GME Committee, University of Pittsburgh
	2003-2005	Delegate for Pennsylvania, CAP Residents Forum
	2003-present	CAP Inspector (Inspector # 1052326) MD Anderson Medical Center-CAP Inspection 2003
	2004-present	CAP Spokesperson - interviewed by WTAE on December 18, 2004 on "Children's safety during holidays" organized "You are made of cells" in celebration of National Laboratory Week, April 2005
	2007-present	Creator, designer and hostess of a TV series in cancer prevention for RomPost TV (OMNI TV, Bell Express View Chanel 254 across Canada) broadcasting in Preventive Medicine on Cervical Cancer, Colorectal cancer, Prostate cancer and Skin cancer. Organized multiple shows and interviews during COVID-19 Pandemic
Teaching and Instruction	11/2024	<i>Her2 in Gynecological Cancers (PeerVoice worldwide seminar)</i>
	8/2024	<i>Pathological Assessment of HER2 Status in Gastric and Gastroesophageal Cancers: Important Steps That Can Impact Outcomes</i> (PeerVoice, distributed in 73 countries)
	3/ 2024	
	2023-2024	IASLC Targeted Therapy for Lung Cancer, Peer Voice Symposium: "Don't Forget About MET: Keys to detecting and targeting MET Alterations as a Therapeutic Vulnerability in NSCLC"- lecturer
	2023	

2023	Faculty and Lecturer, Multidisciplinary Perspectives: Navigating the treatment landscape of early-stage NSCLC, Canadian Multidisciplinary Speaker Tour
2023	Faculty, Unraveling the Evolving Landscape of Biomarkers in Breast Cancer, Canadian Association of Pathologists Virtual Education Series
2023	Chair and Lecturer, Lung Cancer Expert Forum, Bucharest, Romania
2020-present	Chair, Library of Biomarkers Symposium, Bucharest, Romania
2020-present	Lecturer, Molecular Pathology, Online Course for Medical Oncology Residents, STOP CANCER ROMANIA
2016-present	Chair, Canadian anatomic and Molecular pathology, Pathology Oncology Digital Series (CAMP-PODS)
2020, 2022	Chair, Canadian Anatomic and Molecular Pathology (CAMP) Conference
2019	Thoracic pathology lectures in Lung neoplasia and Biomarkers in Lung Cancer, Academic half Days, UBC AP Residency Program (3 lectures)
2018	The Inside of Us, practical workshop in pathology for grade 6 students, West Point Grey Academy, Vancouver
2016-present	Thoracic pathology lectures in Lung neoplasia and Biomarkers in Lung Cancer, Academic half Days, UBC AP Residency Program (3 lectures)
12/2016	Course Director, Canadian anatomic and Molecular pathology (CAMP) Conference, Whistler, BC
06/2016	Developer-RCPSC Mock Exam for AP and GP residents
06/2014-05/2015	Developer-Slide exams for residents (6 exams)
12/2015	Developer, Comprehensive Molecular Pathology Curriculum for UBC AP Residency Program
2014, 2015	Developer-RCPSC Mock Exam for AP and GP residents
09/2014	Lecturer, "Breast, gyne and lung biopsies", Lecturer, AP UBC Residency Training Program, Half Academic Day

09/2014	Lecturer, "Breast Pathology", Lecturer, Medical Oncology UBC Residency Training Program, Half Academic Day
08/2014	Lecturer, "Her2Neu interpretation", Lecturer, Medical Oncology UBC Residency Training Program, Half Academic Day
06/2014-06/2015	"Pulmonary Neoplasia", Anatomical Pathology UBC Residency Training Program, Half Academic Day
09/2013	Medical Oncology breakout session "ALK fusion in NSCLC-testing and treatment", Chair, 2012 Canadian Lung Cancer Conference, Vancouver
01/2012	"The role of the Oncologist in Pathologist's Life"- speaker, webcasts for Asia (sponsored by the educational division of Eli Lilly Canada)
03/2011	"Thoracic Pathology"- Chair, 2011 Canadian Lung Cancer Conference, Vancouver, BC
01/2011	"Practical clinical use of histology and biomarkers in NSCLC"-designer, chair and faculty of a CAP-APC accredited CME program for pathologists
09/2010-12/2011	Lecturer, "Pulmonary Neoplasia", "Management of small samples from lung cancer patients" and "Molecular Pathology in lung Cancer" UBC Residency Training Program, Half Academic Day
9/2011	"Histology influencing treatment decision in NSCLC"- speaker, webcasts for Asia (sponsored by the educational division of Eli Lilly Canada)
1/2010	Developer of Pathologists Needs Assessment (sent to AP and GP in Canada by CAP), CAP-APC/Eli Lilly Canada project
2009	Lecturer, "Pulmonary Neoplasia" and "Pulmonary Infections"-UBC Residency Training Program, Half Academic Days
11/2008	"The role of the Pathology in lung cancer", Lung Cancer Education Day, Vancouver, BC Cancer Agency, Vancouver, November 2008
2008-2010	"Pathology of Cervical Cancer", Fellowship Program in Gynecological Oncology

	2005-2009	Surgical Pathology Teaching rounds and Half Academic day lectures-University of British Columbia (4 lectures in 2008, 4 lectures in 2009)
	2007-present	"Introduction to Pulmonary Cytology", School of Cytotechnology, BCCA
	01/2007 and 09/2008	Pathology Residents Teaching during BCCA rotations
	2006-present	Designer and facilitator of "Case of the Month" and "Virtual Frozen Section" for CME credits for Pathologists- www.ePath.ca
		Unknown Slide Conference-University of Pittsburgh-Department of Pathology
	2003	Small group facilitator – "Reproductive and Developmental Biology" University of Pittsburgh School of Medicine
	2003	Small group Facilitator – "Host Defense Mechanisms"– University of Pittsburgh School of Medicine
	2003	Small group Facilitator – "Renal Organ System"– University of Pittsburgh School of Medicine
	1998-2000	Mentored summer and graduate students in digital image analysis, McDonald Research Laboratories/iCAPTURE, Vancouver, Canada
	1992-1995	Training workshops for medical students and healthcare professionals: HIV Infection: Transmission and Prevention" – AIDS Information Center, Cluj-Napoca, Romania
Awards and Media Appearance	2024	Innovation Award, PHSA (with Cervical Cancer Screening Lab)
	2024	Education Award, UBC Department of Pathology
	2023-2024	Prezente Romanesti, TVR International, TVRinfo, TVR1
	2023	Universitaria, TVR2
	2023	Smart Diaspora, TVR International
	2006-present	Reporter, Moderator, "Medical Updates" ROMPOST TV, OMNI TV, Vancouver
	2022, 2023	Interview, In Diaspora, Radio Romania Cultural
	2021-2024	

2022	Invited Guest, Un Doctor Pentru Dvs, TVR International, Romania
2020	Mentoring Award, UBC Department of Pathology
2019	Sonia Productions Community Award
2015	Rewrite Cancer Innovation Challenge , Oncologic Pathology Education for Physicians, \$40, 000
2011	Betty Rice Award, BCCA Lung Tumor Group (Evaluation of biomarker testing strategies to select patients for immunotherapy in non-small cell lung cancer, principal investigator)
2004	Canadian Cancer Society top 10 research stories of 2011-“Using laser Raman Spectroscopy to reduce false positives of autofluorescence brocnhoscopies: a pilot study” , Short MA, Lam S, McWilliams AM, Ionescu DN , Zeng H., J Thorac Oncol. 2011 Jul;6(7):1206-14
2004	Donald West King Fellowship – Armed Forces Institute of Pathology
2004	Visiting Scholar , Department of Pathology, Pulmonary Consultation Service, Mayo Clinic, Scottsdale, AZ
2004	Pulmonary Pathology Society – Travel Award 2004-2005
2004	University of Pittsburgh School of Medicine, Department of Pathology Trainee Research Award – Annual Research Retreat
2003	Pulmonary Pathology Society – Best Presentation by a Resident in Training Award , USCAP 2003
2002	Residency Program Director’s “New Ideas Award” , UPMC, Department of Pathology and Laboratory Medicine
2002, 2005	Best Case of the Quarter Award for on-line publication, UPMC, Department of Pathology and Laboratory Medicine
1990-1995	National Merit Scholarship , University of Medicine and Pharmacy “Iuliu Hatieganu”, Faculty of Medicine, Cluj-Napoca, Romania
1995	Medical Scholarship, The Amsterdam Medical University, The Netherlands

	1995	Soros Foundation Travel Award
	1986-1987	National Olympic Award in Organic Chemistry and Biology, Romania
Externship and Volunteering	1999	Advanced Trauma Life Support – Course for Physicians, Auditor, UBC Hospital, Vancouver, Canada
	3/98-6/98	Extern, Emergency Medicine Department , St. Paul's Hospital, Vancouver, Canada
	2/00-4/00	Extern, Internal Medicine Department , St. Paul's Hospital, Vancouver, Canada
	5/97-6/01	Volunteer, Medical Interpreter , St. Paul's Hospital, Canada
	4/93-8/95	Head of Medical Department – AIDS Information Center Cluj-Napoca, Romania – “Pro Vobis”, non-governmental organization sponsored by “Physicians without Borders” Belgium
	2023	Innovative deep-learning based program for cervical cancer screening-UBC FoM Precision Health Catalyst Grant, Co-Applicant
	2022	METFORMIN FOR CHEMOPREVENTION OF LUNG CANCER IN HIGH-RISK OBESE INDIVIDUALS-NIH grant, Co-Investigator
	2019	Rewrite Cancer Innovation Challenge , Oncologic Pathology Education for Physicians (\$40,000 grant)
	2019	Co-Investigator, CANTRK Ring Study
	2019-2020	Principal Investigator, PD-L1 Comparison Study in NSCLC (\$92,000 grant, Astra Zeneca)
	2018-present	Lung Pathology Section Lead , Personalized Oncogenomics, BCCA
	2016-present	Co-Investigator , Pan-Canadian 22C3 PD-L1 standardization project
	2016-2021	Co-Investigator, Pan-Canadian ROS1 study (CROS)

Research Studies and Grants

2016-present	Co-Investigator , Canadian circulating T790M study
2015-present	Supervisor, Developing an education module of integrative breast pathology for UBC medical students (2015/16 funding: \$38,560, 20G36902), Teaching and Learning Enhancement Fund, UBC
2015-present	Co-Investigator , Lung Biobank LUTISSUE, BCCA
2014-present	Co-Investigator , COPD and lung Cancer (National Cancer Institute (USA))
2011-present	Co-Investigator , Gefitinib miRNA prediction lung cancer
2011-present	Co-Investigator , The OncoPanel Pilot (TOP) Study, BCCA
2011-2013	Principal Investigator , Automated analysis of Estrogen and Progesterone receptors expression by immunohistochemistry in breast carcinomas-a comparison of quantitative digital imaging analysis software
2011-2014	Co-Investigator , First line Gefitinib in EGFR mutation positive NSCLC patients
2011-present	Co-Investigator , Resected N1N2 NSCLC Tissue Microarray biomarker study
2011-2013	Co-Investigator , Pathologic features associated with EGFR mutations in Non-small cell lung cancer (NSCLC)
2011-present	Principal Investigator , Metastases to breast mimicking primary breast cancer
2010-2013	Co-Investigator , Blood based biomarkers for lung cancer early detection and evaluation of CT based lesions (Department of Defense (USA))
2009-2014	Co-Investigator , "BCCA Thymoma and Thymic carcinoma audit"
2006-2013	Reference Pathologist , "Whole Transcriptome Sequencing of Pre-treatment Lung Cancers"
2006-2010	Co-Investigator , "Chemoprevention of Lung Cancer" (National Institutes of Health- USA)
2008-2011	

	2/2020	Co-Investigator , “Phase IIb Trial of Myo-Inositol in Smokers with Bronchial Dysplasia” (National Institute of Health- USA)
	12/2023	Co-Investigator , “ Pan-Canadian Early Lung Cancer Detection Project ” (Terry Fox Research Institute)
	12/2023	Career Development for Pathology Residents , Columbia University, New York
	10/2022	Career Development for Pathology Residents , Univ of Tennessee, Knoxville
	10/2022	Optimizing Testing Algorithms in Lung Cancer- International Academy of Pathology (IAP), Sydney, Australia
	10/2022	Molecular Classification of Small Cell and Large Cell Neuroendocrine Carcinoma of the Lung and Clinical Implications , SNOMR National Congress of Oncology, Romania
	9/2022	Molecular Classification of Endometrial Cancers- SNOMR National Congress of Oncology, Romania
	9/2022	Lung Biomarkers in NSCLC-An Update , OncoHub Conference, Poiana Brasov, Romania
	12/2021	Biomarkers Revolution in NSCLC , ASCP Annual Meeting, Chicago
Invited Speaker	11/2021	Key Targetable Driver Mutations in NSCLC-ASCP-ECHO Project-
	11/2021	Biomarker Testing in advanced and early stage NSCLC-Best of Oncology East- Panelist
	10/2021	Lung Biobanking In Metastatic NSCLC at BCC- BCC Annual Conference
	9/2021	Assessing RET-Altered Tumors: An Increasingly Important Target for Precision Oncology-Best of Precision Oncology 2021
	9/2021	Tips and Tricks for a career in Oncology-the Pathologist’s perspective-STOP CANCER ROMANIA
	10/2021	Emerging Biomarkers in NSCLC-STOP CANCER ROMANIA

- 11/2020 **Molecular Reporting in NSCLC-Do you know what you don't know?**-National Congress of Oncology, Romania
- 2/2020 **Molecular Pathology of NSCLC- STOP CANCER**
Romania
- 1/2020 **“What You Need to Know About PD-L1 Testing in Breast Cancer “**, Canadian Breast Cancer Summit, Whistler, 2020
- 11/2019 **“Wellbeing for Physicians, CAMP 2020, Whistler**
- 9/2019 **“Pathology Update - Current Staging; Getting Ready for the 9th Edition “**, BC Cancer Summit, Vancouver
- 6/2019 **“PD-L1 Landscape in Triple Negative Breast Cancer”**, 2019 Banff Pathology Course, Banff
- 2/2019 **“NTRK gene fusion testing – Creating an integrated team approach for tissue agnostic biomarkers”**, a satellite symposium, CAP Annual Meeting, Niagara Falls, ON
- 4/2018 **Interesting Case Presentation, CAMP 2019**
- 2/2018 **Patient Education Forum, BC Cancer, Vancouver**
- 3/2018 **Pitfalls in Biomarker Testing, CAMP 2019**
- 9/2016 **“Pathology of Breast Cancer”**, Breast Cancer Preceptorship, BCCA, Vancouver, BC
- 6/2016 **“Exploring PD-L1: From Biology to Practice”**, BMS ImmunoOncology, USCAP Annual Meeting, Vancouver
- 2/2016 **Moderator, “Pathologists’ Perspective on Biomarker Assays for Immunotherapy in Lung Cancer”**, a satellite symposium, CAP Annual Meeting, Vancouver, BC
- 2/2016 **“Pathology 101 for Non Pathologists”**, CAMP Meeting, Whistler, BC
- 2/2016 **“Predictive Biomarkers in Lung Cancer: Practical Information on Latest Discoveries, CAMP Meeting**, Whistler, BC
- 9/2015 **“Pathology and its role in cancer care”**, preceptorship, Novartis, Vancouver, BC

- 6/2015 **“The landscape of PDL1 testing”**, CONVERGE meeting, Vienna, Austria
- 6/2015 **“Smoking-Associated Pulmonary Disease”, Co-Chair, Pulmonary Pathology Society Meeting**, San Francisco, USA
- 3/2015 **“Role of Pathology in Lung Cancer and Biomarker Testing”**, House of Common, Committee on Health, Ottawa, invited expert
- 3/2015 **“Pathology Triathlon: Lung, breast and molecular pathology”**, Whitehorse Hospital, Yukon
- 1/2015 **“The role of the Pathologist in Cancer Diagnosis and Management”**, Gyne Education Forum, BCCA
- 1/2015 **“Pathology 101 for nurses”**, CLCCO 2015, Vancouver
- 6/2014 **“Understanding the work of the Pathologist”- workshop**, Boehringer Ingelheim, Vancouver
- 5/2014 **“Molecular Testing in Non-Small Cell Lung Cancer in British Columbia: Practical Issues from Request to Report”**, Nanaimo Regional Hospital, Multidisciplinary Education Event
- 2/2014 **“Molecular Testing in Non-Small Cell Lung Cancer in British Columbia: Practical Issues from Request to Report”**, Royal Inland Hospital Multidisciplinary Education Event
- 2/2014 **“Neuroendocrine Tumours of the Lung”**, CLCCO 2014, Vancouver, Canada
- 2/2014 **“Advances in Oncology-a Pathologist’s perspective”**, CORE@CLCCO 2014, Vancouver, Canada
- 1/2014 **“Small is the new Big-when genomics meet the patient”**, Eli Lilly Oncology Summit, Vancouver
- 09/2013 **“Optimizing Patient Outcomes In Lung Cancer From Diagnosis To Treatment”**, Fraser Health Authority, Surrey
- 3/2013 **“Molecular Testing in Non-Small Cell Lung Cancer in British Columbia: Practical Issues from Request to Report”**, Kelowna General Hospital, Thoracic Rounds

- 2/2013 **“The role of the Pathologist in the cancer team”**, Patient Education forum for Gynecological cancer patients, Vancouver
- 2/2013 **“Perspectives on Tiny Tissue Specimens for Molecular Pathology”**, Interventional Bronchoscopy Workshop For Physicians & Assistants, Vancouver
- 6/2012 **“Current status in Clinical Biomarker testing in British Columbia”**, Royal Inland Hospital, Kamloops, BC
- 10/2011 **“Current status in Clinical Biomarker Testing in NSCLC in Canada”**, 12th Annual Western Community Oncology Conference, Whistler, BC
- 9/2011 **“Practical clinical use of histology and biomarkers in NSCLC”**, Regina, Saskatchewan
- 5/2011 **“Practical clinical use of histology and biomarkers in NSCLC”**, Kelowna, BC
- 5/2011 **“IHC for lung cancer subtype diagnosis”**, CIQC/CAP-ACP seminar in diagnostic immunohistochemistry and molecular pathology, Vancouver, BC
- 1/2011 **“Practical clinical use of histology and biomarkers in NSCLC”**, Canadian Laboratory Medicine Congress, Vancouver, BC
- 1/2011 **“Processing and handling of small biopsy specimens”**- Hands-on workshop in Interventional Pulmonology, Vancouver, BC
- 11/2010 **“EGFR and ALK mutation testing in lung cancer”**-Lung Tumor Group research day, Vancouver, BC
- 06/2010 **“EGFR mutation testing in NSCLC-an update”**- Lions Gate Hospital, North Vancouver, BC
- 05/2010 **“EGFR mutation testing in NSCLC-an update”**- Coady Pathology Group, Coquitlam, BC
- 04/2010 **“EGFR mutation testing in NSCLC-an update”**-BC Cancer Agency Victoria, BC
- 03/2010 **“Pathological analysis of NSCLC-renewed importance of adequate tissue acquisition for diagnosis”**, Alberta Annual Lung Tumor Group Meeting, Kananaskis, AL

- 02/2010 **“An update in Lung Cancer”**, BC Community Oncology Trialists, Vancouver, BC
- 01/2010 **“Eli Lilly Oncology Academy- Views from a Pathologist”**, Istanbul, Turkey
- 12/2009 **“2010 Western Canadian Lung Cancer Conference”**, Vancouver, BC- speaker, session chair
- 07/2009 **“Predictive Tests for Treatment of NSCLC with chemotherapy and EGFR-TKI”**, BC Community Oncology Trialists, Vancouver, BC
- 4/2009 **“Lilly Intercontinental Region Oncology Planners Meeting”**, San Francisco, CA
- 03/2009 **“Collaboration and Communication between Oncologists and Pathologists in NSCLC Diagnosis and Treatment”**, BC Community Oncology Trialists, Vancouver, BC
- 01/2009 **“Lung Pathology for Dummies”**, 9th Annual Canadian Oncology Winter Conference, Sun Peaks, BC
- 2008 **“Lung Cancer Pathology for Clinicians”**, Western Canada Lung Cancer Meeting, Vancouver
- 2007 **“The Role of the Pathologist in Diagnostic and Preventive Oncology”**, BCCA Annual Conference, Vancouver
- 2006 **“Pathologist or Pet-ologist?”**, BCCA Annual Conference, Vancouver
- 2006 **“Telepathology”**, Education Day, Provincial Health Services Administration, Vancouver, Canada
- 2003 **“Applications of Microdissection Techniques in Pulmonary Pathology”**, Centennial Congress of the International Academy of Pathology, Montreal, Canada
- 2000 **“Women in Romania”**-University of Pittsburgh, International day of woman celebration
- “Digital Image Analysis in Stereology”** – Columbia University, Department of Medicine, New York, Dr. J. D’Armiento’s Laboratory

Publications

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|-----------------------------------|---|--|
| Book Chapters | 2023 | <p><i>“A pattern-based approach to diagnosis, second edition“</i> DN Ionescu, M. Smith and K. O. Leslie, in “Pulmonary Pathology: A Volume in Foundations in Diagnostic Pathology Series, Elsevier Inc, third edition</p> <p><i>“A pattern-based approach to diagnosis, second edition“</i> DN Ionescu, M. Smith and K. O. Leslie, in “Pulmonary Pathology: A Volume in Foundations in Diagnostic Pathology Series, Elsevier Inc, second edition</p> |
| | 2015 | |
| | 2008 | |
| Peer Reviewed Publications | 2024 | <p><i>Lung Cancer in Romania</i> Olteanu GE, Vigdorovits A, Barna RA, Mazilu L, Manolache V, Preoteasa V, Curcean S, Roman A, Motas N, Dediu M, Ionescu DN. J Thorac Oncol. 2024 Nov;19(11):1492-1503.</p> |
| | 2024 | <p><i>Canadian Consensus Recommendations for Predictive Biomarker Testing in Gastric and Gastroesophageal Junction Adenocarcinoma.</i> Brezden-Masley C, Fiset PO, Cheung CC, Arnason T, Bateman J, Borduas M, Evaristo G, Ionescu DN, Lim HJ, Sheffield BS, Soldera SV, Streutker CJ. Curr Oncol. 2024 Dec 4;31(12):7770-7786.</p> |
| | 2024 | <p><i>Strategies to accelerate the elimination of cervical cancer in British Columbia, Canada: a modelling study;</i> Pataky RE, Izadi-Najafabadi S, Smith LW, Gottschlich A, Ionescu D, Proctor L, Ogilvie GS, Peacock S. CMAJ. 2024 Jun 2;196(21):E716-E723.</p> |
| | 2023 | <p><i>Canadian Multicentric Pan-TRK (CANTRK) Immunohistochemistry Harmonization Study.</i> Hyrcza MD, Martins-Filho SN, Spatz A, Wang HJ, Purgina BM, Desmeules P, Park PC, Bigras G, Jung S, Cutz JC, Xu Z, Berman DM, Sheffield BS, Cheung CC, Leduc C, Hwang DM, Ionescu D, Klonowski P, Chevarie-Davis M, Chami R, Lo B, Stockley TL, Tsao MS, Torlakovic E. Mod Pathol. 2023 Nov 14;37(1):100384. doi: 10.1016/j.modpat.2023.100384.</p> |
| | 2023 | <p><i>Uroplakin-IIIb as a novel immunohistochemical marker for mesothelioma.</i> van Pel DM, Cheung S, Ionescu DN, Churg A. Hum Pathol. 2023 Nov;141:64-68. doi: 10.1016/j.humpath.2023.09.006. Epub 2023 Sep 28.</p> |
| 2023 | <p><i>The Unmet Diagnostic and Treatment Needs in Large Cell Neuroendocrine Carcinoma of the Lung.</i> Buium C, Negru S, Ionescu DN, Dediu M. Curr Oncol. 2023 Jul 27;30(8):7218-7228. doi: 10.3390/currenol30080523</p> | |

- 2023 *Canadian Consensus Recommendations on the Management of Extensive-Stage Small-Cell Lung Cancer.* Melosky BL, Leigh NB, Dawe D, Blais N, Wheatley-Price PF, Chu QS, Juergens RA, Ellis PM, Sun A, Schellenberg D, **Ionescu DN**, Cheema PK. *Curr Oncol.* 2023 Jun 30;30(7):6289-6315. doi: 10.3390/curroncol30070465
- 2022 *Improving Time-to-Treatment for Advanced Non-Small Cell Lung Cancer Patients through Faster Single Gene EGFR Testing Using the Idylla™ EGFR Testing Platform.* Banyi N, Alex D, Hughesman C, McNeil K, N Ionescu D, Ma C, Yip S, Melosky B. *Curr Oncol.* 2022 Oct 18;29(10):7900-7911. doi: 10.3390/curroncol29100624.
- 2022 The impact of whole genome and transcriptome analysis (WGTA) on predictive biomarker discovery and diagnostic accuracy of advanced malignancies. Tessier-Cloutier B, Grewal JK, Jones MR, Pleasance E, Shen Y, Cai E, Dunham C, Hoang L, Horst B, Huntsman DG, **Ionescu D**, Karnezis AN, Lee AF, Lee CH, Lee TH, Twa DD, Mungall AJ, Mungall K, Naso JR, Ng T, Schaeffer DF, Sheffield BS, Skinnider B, Smith T, Williamson L, Zhong E, Regier DA, Laskin J, Marra MA, Gilks CB, Jones SJ, Yip S. *J Pathol Clin Res.* 2022 Jul;8(4):395-407
- 2022 Consensus Recommendations to Optimize Testing for New Targetable Alterations in Non-Small Cell Lung Cancer., **Ionescu DN**, Stockley TL, Banerji S, Couture C, Mather CA, Xu Z, Blais N, Cheema PK, Chu QS, Melosky B, Leigh NB. *Curr Oncol.* 2022 Jul 15;29(7):4981-4997. doi: 10.3390/curroncol29070396
- 2022 Histological subtype is associated with PD-L1 expression and CD8+ T-cell infiltrates in triple-negative breast carcinoma., Salisbury T, Abozina A, Zhang C, Mao E, Banyi N, Leo J, **Ionescu D**, Zhou C, Wang G. *Ann Diagn Pathol.* 2022 Apr;57:151901.
- 2022 Classifying Pulmonary and Urinary High-grade Neuroendocrine Carcinoma by CK7 Immunohistochemistry., Fan J, Li H, Zhou C, Xiong W, Villamil C, **Ionescu D**, Oo HZ, Contreras-Sanz A, Black PC, Wang G. *Appl Immunohistochem Mol Morphol.* 2022 Jul 1;30(6):459-468.
- 2022 A Case of ALK-Rearranged Combined Lung Adenocarcinoma and Neuroendocrine Carcinoma with Diffuse Bone Metastasis and Partial Response to Alectinib. Lim CA, Banyi N, Tucker T, **Ionescu DN**, Melosky B. *Curr Oncol.* 2022 Feb 3;29(2):848-852
- Canadian ROS proto-oncogene 1 study (CROS) for multi-institutional implementation of ROS1 testing in non-small cell lung*

- 2021 *cancer*.-Cheung CC, Smith AC, Albadine R, Bigras G, Bojarski A, Couture C, Cutz JC, Huang WY, **Ionescu D**, Itani D, Izevbaye I, Karsan A, Kelly MM, Knoll J, Kwan K, Nasr MR, Qing G, Rashid-Kolvear F, Sekhon HS, Spatz A, Stockley T, Tran-Thanh D, Tucker T, Waghray R, Wang H, Xu Z, Yatabe Y, Torlakovic EE, Tsao MS.*Lung Cancer*. 2021 Oct;160:127-135.
- 2021 *Automated PD-L1 Scoring for Non-Small Cell Lung Carcinoma Using Open-Source Software*. Naso JR, Povshedna T, Wang G, Banyi N, MacAulay C, **Ionescu DN**, Zhou C.*Pathol Oncol Res*. 2021 Mar 26;27:609717.
- Comparability of laboratory-developed and commercial PD-L1 assays in non-small cell lung carcinoma*. Naso JR, Wang G, Banyi N, Derakhshan F, Shokoohi A, Ho C, Zhou C, **Ionescu DN**.*Ann Diagn Pathol*. 2021 Feb;50:151590.
- 2021 *Utility of SOX6 and DAB2 for the Diagnosis of Malignant Mesothelioma*. Naso JR, Cheung S, **Ionescu DN**, Churg A.*Am J Surg Pathol*. 2021 Sep 1;45(9):1245-125
- 2021 *Discordance in PD-L1 scores on repeat testing of non-small cell lung carcinomas*. Naso JR, Banyi N, Al-Hashami Z, Zhu J, Wang G, **Ionescu DN**, Ho C.*Cancer Treat Res Commun*. 2021;27:100353.
- 2020 *Consensus recommendations for optimizing biomarker testing to identify and treat advanced EGFR-mutated non-small-cell lung cancer*. Cheema PK, Gomes M, Banerji S, Joubert P, Leighl NB, Melosky B, Sheffield BS, Stockley T, **Ionescu DN**.*Curr Oncol*. 2020 Dec;27(6):321-329.
- 2020 *Comprehensive assessment of PD-L1 immunohistochemistry on paired tissue and cytology specimens from non-small cell lung cancer*. Gagné A, Orain M, **Ionescu D**, Tsao MS, Joubert D, Joubert P.*Lung Cancer*. 2020 Aug;146:276-284.
- 2020 *Canadian Multicenter Project on Standardization of Programmed Death-Ligand 1 Immunohistochemistry 22C3 Laboratory-Developed Tests for Pembrolizumab Therapy in NSCLC*. Torlakovic E, Albadine R, Bigras G, Boag A, Bojarski A, Cabanero M, Camilleri-Broët S, Cheung C, Couture C, Craddock KJ, Cutz JC, Dhamanaskar P, Fiset PO, Hossain M, Hwang DM, **Ionescu D**, Itani D, Kelly MM, Kwan K, Lim HJ, Nielsen S, Qing G, Sekhon H, Spatz A, Waghray R, Wang H, Xu Z, Tsao MS.*J Thorac Oncol*. 2020 Aug;15(8):1328-1337.

- Use of Programmed Death Ligand-1 (PD-L1) Staining to Separate Sarcomatoid Malignant Mesotheliomas From Benign Mesothelial Reactions.*
 2020 Derakhshan F, **Ionescu D**, Cheung S, Churg A. Arch Pathol Lab Med. 2020 Feb;144(2):185-188.
- "Interchangeability" of PD-L1 immunohistochemistry assays: a meta-analysis of diagnostic accuracy.
 Torlakovic E, Lim HJ, Adam J, Barnes P, Bigras G, Chan AWH, Cheung CC, Chung JH, Couture C, Fiset PO, Fujimoto D, Han G, Hirsch FR, Ilie M, **Ionescu D**, Li C, Munari E, Okuda K, Ratcliffe MJ, Rimm DL, Ross C, Røge R, Scheel AH, Soo RA, Swanson PE, Tretiakova M, To KF, Vainer GW, Wang H, Xu Z, Zielinski D, Tsao MS. Mod Pathol. 2020 Jan;33(1):4-17.
- 2020 *Intratatumoral heterogeneity in programmed death-ligand 1 immunoreactivity is associated with variation in non-small cell lung carcinoma histotype.* Naso JR, Wang G, Pender A, Wong SK, Zhu J, Ho C, **Ionescu DN**, Zhou C. Histopathology. 2020 Feb;76(3):394-403.
- 2020 *HPV-Related Neovaginal Squamous Cell Carcinoma Presenting as Lung Metastasis after Male-to-Female Gender Confirmation Surgery.* Wang G, Ferguson D, **Ionescu DN**, Hoang L, Barrett S, van Niekerk D, Rose JN, Kollmannsberger C. Case Rep Oncol. 2020 Jan 20;13(1):17-22.
- Cytologic features and diagnostic value of PeriView FLEX transbronchial needle aspiration targeting pulmonary nodules.*
 Naso J, Bras J, Villamil C, **Ionescu DN**, Wang G, Shaipanich T, Beaudoin EL, Myers R, Lam S, Zhou C.
 2020 Cancer Cytopathol. 2020 Jan 29.
- 2019 *Fit-For-Purpose PD-L1 Biomarker Testing For Patient Selection in Immuno-Oncology: Guidelines For Clinical Laboratories From the Canadian Association of Pathologists-Association Canadienne Des Pathologistes (CAP-ACP).* Cheung CC, Barnes P, Bigras G, Boerner S, Butany J, Calabrese F, Couture C, Deschenes J, El-Zimaity H, Fischer G, Fiset PO, Garratt J, Geldenhuys L, Gilks CB, Ilie M, **Ionescu D**, Lim HJ, Manning L, Mansoor A, Riddell R, Ross C, Roy-Chowdhuri S, Spatz A, Swanson PE, Tron VA, Tsao MS, Wang H, Xu Z, Torlakovic EE; Canadian Association of Pathologists-Association Canadienne Des Pathologistes' National Standards Committee for High Complexity Testing (CAP-ACP NSCHCT)., Appl Immunohistochem Mol Morphol. 2019 Nov/Dec;27(10):699-714.
- 2019 *Crizotinib inhibition of ROS1-positive tumours in advanced non-small-cell lung cancer: a Canadian perspective.*

2019 Bebb DG, Agulnik J, Albadine R, Banerji S, Bigras G, Butts C, Couture C, Cutz JC, Desmeules P, **Ionescu DN**, Leighl NB, Melosky B, Morzycki W, Rashid-Kolvear F, Lab C, Sekhon HS, Smith AC, Stockley TL, Torlakovic E, Xu Z, Tsao MS., *Curr Oncol.* 2019 Aug;26(4):e551-e557.

Intratumoral Heterogeneity in PD-L1 Immunoreactivity is Associated with Variation in Non-Small Cell Lung Carcinoma Histotype. Naso JR, Wang G, Pender A, Wong SK, Zhu J, Ho C, **Ionescu DN**, Zhou C., *Histopathology.* 2019 Aug 27.

PD-L1 testing on the EBUS-FNA cytology specimens of non-small cell lung cancer. Wang G, **Ionescu DN**, Lee CH, Hiruki T, Myers R, Shaipanich T, Lam S, Melosky B, Zhou C., *Lung Cancer.* 2019 Aug 1;136:1-5.

2019 *Use of Programmed Death Ligand-1 (PD-L1) Staining to Separate Sarcomatoid Malignant Mesotheliomas From Benign Mesothelial Reactions.* Derakhshan F, **Ionescu D**, Cheung S, Churg A., *Arch Pathol Lab Med.* 2019 Sep 4.

2019 *"Interchangeability" of PD-L1 immunohistochemistry assays: a meta-analysis of diagnostic accuracy.* Torlakovic E, Lim HJ, Adam J, Barnes P, Bigras G, Chan AWH, Cheung CC, Chung JH, Couture C, Fiset PO, Fujimoto D, Han G, Hirsch FR, Ilie M, **Ionescu D**, Li C, Munari E, Okuda K, Ratcliffe MJ, Rimm DL, Ross C, Røge R, Scheel AH, Soo RA, Swanson PE, Tretiakova M, To KF, Vainer GW, Wang H, Xu Z, Zielinski D, Tsao MS., *Mod Pathol.* 2019 Aug 5.

2019 *SOX10 expression in mammary invasive ductal carcinomas and benign breast tissue.* Chiu K, **Ionescu DN**, Hayes M., *Virchows Arch.* 2019 Jun;474(6):667-672.

MUC4 Staining in Sarcomatoid Carcinomas. Berg KB, **Ionescu D**, Churg AM., *Mod Pathol.* 2019 Jan;32(1):157.

2019 *Clinical outcomes after whole-genome sequencing in patients with metastatic non-small-cell lung cancer.* Tsang ES, Shen Y, Chooback N, Ho C, Jones M, Renouf DJ, Lim H, Sun S, Yip S, Pleasance E, **Ionescu DN**, Mungall K, Kasaian K, Ma Y, Zhao Y, Mungall A, Moore R, Jones SJM, Marra M, Laskin J. *Cold Spring Harb Mol Case Stud.* 2019 Feb 1;5(1). pii: a002659.

2019 *Canadian perspectives: update on inhibition of ALK-positive tumours in advanced non-small-cell lung cancer.* Melosky B, Cheema P, Agulnik J, Albadine R, Bebb DG, Blais N, Burkes R, Butts C, Card PB, Chan AMY, Hirsh V, **Ionescu DN**, Juergens R,

- Morzycki W, Poonja Z, Sangha R, Tehfe M, Tsao MS, Vincent M, Xu Z, Liu G., *Curr Oncol.* 2018 Oct;25(5):317-328..
- 2018 *Harmonization of PD-L1 testing in oncology: a Canadian pathology perspective.*, Ionescu DN, Downes MR, Christofides A, Tsao MS, *Curr Oncol.* 2018 Jun;25(3):e209-e216.
- Standardizing biomarker testing for Canadian patients with advanced lung cancer.* Melosky B, Blais N, Cheema P, Couture C, Juergens R, Kamel-Reid S, Tsao MS, Wheatley-Price P, Xu Z, Ionescu DN. *Curr Oncol.* 2018 Feb;25(1):73-82. .
- 2018 *Practical Updates on Gastrointestinal Pathology From the CAMP 2017 Conference.* Ionescu DN. *Arch Pathol Lab Med.* 2018 Jan;142(1):16.
- 2018 *Metastatic non-small cell lung carcinoma a mimic of primary breast carcinoma-case series and literature review.* Ali RH, Taraboanta C, Mohammad T, Hayes MM, Ionescu DN. *Virchows Arch.* 2018 May;472(5):771-777.
- Breaking the biomarker code: PD-L1 expression and checkpoint inhibition in advanced NSCLC.* Melosky B, Chu Q, Juergens RA, Leighl N, Ionescu D, Tsao MS, McLeod D, Hirsh V. *Cancer Treat Rev.* 2018 Apr;65:65-77.
- 2018 *The Cost-Effectiveness of High-Risk Lung Cancer Screening and Drivers of Program Efficiency.* Cressman S, Peacock SJ, Tammemägi MC, Evans WK, Leighl NB, Goffin JR, Tremblay A, Liu G, Manos D, MacEachern P, Bhatia R, Puksa S, Nicholas G, McWilliams A, Mayo JR, Yee J, English JC, Pataky R, McPherson E, Atkar-Khattra S, Johnston MR, Schmidt H, Shepherd FA, Soghrati K, Amjadi K, Burrowes P, Couture C, Sekhon HS, Yasufuku K, Goss G, Ionescu DN, Hwang DM, Martel S, Sin DD, Tan WC, Urbanski S, Xu Z, Tsao MS, Lam S. *J Thorac Oncol.* 2017 Aug;12(8):1210-1222.
- 2018 *Participant selection for lung cancer screening by risk modelling (the Pan-Canadian Early Detection of Lung Cancer [PanCan] study): a single-arm, prospective study.* Tammemagi MC, Schmidt H, Martel S, McWilliams A, Goffin JR, Johnston MR, Nicholas 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 JC, Manos D, Xu Z, Goss GD, Seely JM, Amjadi K, Sekhon HS, Burrowes P, MacEachern P, Urbanski S, Sin DD, Tan WC, Leighl

- 2017 NB, Shepherd FA, Evans WK, Tsao MS, Lam S; PanCan Study Team. *Lancet Oncol.* 2017 Nov;18(11):1523-1531.
- 2017 *Successful targeting of the NRG1 pathway indicates novel treatment strategy for metastatic cancer.* Jones MR, Lim H, Shen Y, Pleasance E, Ch'ng C, Reisle C, Leelakumari S, Zhao C, Yip S, Ho J, Zhong E, Ng T, Ionescu D, Schaeffer DF, Mungall AJ, Mungall KL, Zhao Y, Moore RA, Ma Y, Chia S, Ho C, Renouf DJ, Gelmon K, Jones SJM, Marra MA, Laskin J. *Ann Oncol.* 2017 Dec 1;28(12):3092-3097.
- Management of EGFR-mutated non-small-cell lung cancer: practical implications from a clinical and pathology perspective.* Cabanero M, Sangha R, Sheffield BS, Sukhai M, Pakkal M, Kamel-Reid S, Karsan A, Ionescu D, Juergens RA, Butts C, Tsao MS., *Curr Oncol.* 2017 Apr;24(2):111-119.
- 2017 *Loss of BRCA1-associated protein 1 (BAP1) expression is rare in non-small cell lung cancer.* Owen D, Sheffield BS, Ionescu D, Churg A. *Hum Pathol.* 2017 Feb;60:82-85. doi: 10.1016/j.humpath.2016.10.005. Epub 2016 Oct 28.
- A Randomized Phase IIb Trial of myo-Inositol in Smokers with Bronchial Dysplasia.*, Lam S, Mandrekar SJ, Gesthalter Y, Allen Ziegler KL, Seisler DK, Midthun DE, Mao JT, Aubry MC, McWilliams A, Sin DD, Shaipanich T, Liu G, Johnson E, Bild A, Lenburg ME, **Ionescu DN**, Mayo J, Yi JE, Tazelaar H, Harmsen WS, Smith J, Spira AE, Beane J, Limburg PJ, Szabo E; Cancer Prevention Network., *Cancer Prev Res (Phila).* 2016 Dec;9(12):906-914
- 2017 *Investigation of PD-L1 Biomarker Testing Methods for PD-1 Axis Inhibition in Non-squamous Non-small Cell Lung Cancer.* Sheffield BS, Fulton R, Kaloger SE, Milne K, Geller G, Jones M, Jacquemont C, Zachara S, Zhao E, Pleasance E, Laskin J, Jones SJ, Marra MA, Yip S, Nelson BH, Gown AM, Ho C, **Ionescu DN.**, *J Histochem Cytochem.* 2016 Sep 2.
- Insights on the "Why, When, and How" of Integrating Molecular Testing in Anatomic Pathology Practice: Dedicated to the Memory of Gregory J. Naus, MD (1951-2015).* **Ionescu DN.**, *Arch Pathol Lab Med.* 2016 Aug;140(8):746-7. doi: 10.5858/arpa.2016-0192-ED
- 2017 *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.*, Tremblay A, Taghizadeh N, McWilliams AM, MacEachern P, Stather DR, Soghрати K, Puksa S, Goffin JR, Yasufuku K, Amjadi K, Nicholas G, Martel S, Laberge F, Johnston M, Shepherd

- 2016 FA, **Ionescu DN**, Urbanski S, Hwang D, Cutz JC, Sekhon HS, Couture C, Xu Z, Sutedja TG, Atkar-Khattra S, Tammemagi MC, Tsao MS, Lam SC; Pan-Canadian Early Lung Cancer Study Group., *Chest*. 2016 Apr 30. pii: S0012-3692(16)48727-1.
- 2016 *Canadian consensus: inhibition of ALK-positive tumours in advanced non-small-cell lung cancer.*, Melosky B, Agulnik J, Albadine R, Banerji S, Bebb DG, Bethune D, Blais N, Butts C, Cheema P, Cheung P, Cohen V, Deschenes J, **Ionescu DN**, Juergens R, Kamel-Reid S, Laurie SA, Liu G, Morzycki W, Tsao MS, Xu Z, Hirsh V., *Curr Oncol*. 2016 Jun;23(3):196-200. doi: 10.3747/co.23.3120. Epub 2016 Jun 9.
- Real-time endoscopic Raman spectroscopy for in vivo early lung cancer detection.* McGregor HC, Short MA, McWilliams A, Shaipanich T, **Ionescu DN**, Zhao J, Wang W, Chen G, Lam S, Zeng H., *J Biophotonics*. 2016 Jan 8.
- 2016 *Endoscopic Doppler optical coherence tomography and autofluorescence imaging of peripheral pulmonary nodules and vasculature.*, Pahlevaninezhad H, Lee AM, Ritchie A, Shaipanich T, Zhang W, **Ionescu DN**, Hohert G, MacAulay C, Lam S, Lane P
- 2016 *"Histologic classification of non-small-cell lung cancer over time: reducing the rates of not-otherwise-specified"* Ho C, Tong KM, Ramsden K, **Ionescu DN**, Laskin J., *Curr Oncol*. 2015 Jun;22(3):e164-70. doi: 10.3747/co.22.2339.
- 2016 *"Hsp27 inhibition with OGX-427 sensitizes non-small cell lung cancer cells to erlotinib and chemotherapy,* Lelj-Garolla B, Kumano M, Beraldi E, Nappi L, Rocchi P, **Ionescu DN**, Fazli L, Zoubeydi A, Gleave ME. *Mol Cancer Ther*. 2015
- 2016 *Bronchial thermoplasty in asthma: 2-year follow-up using optical coherence tomography.*, Kirby M, Ohtani K, Lopez Lisbona RM, Lee AM, Zhang W, Lane P, Varfolomeva N, Hui L, **Ionescu D**, Coxson HO, MacAulay C, FitzGerald JM, Lam S., *Eur Respir J*. 2015 Sep;46(3):859-62
- "Primary pulmonary synovial sarcoma: a case report with unique and impressive computed tomography findings"*. Kambo JS, Richardson B, **Ionescu DN**, Tucker T, Kraushaar G., *Can Respir J*. 2015 Jan-Feb;22(1):e1-3.
- 2016 *"Histological classification of non-small cell lung cancer (NSCLC) over time: Reducing the rates of NSCLC – not otherwise specified (NOS)",* Cheryl Ho, King Mong Tong, Katherine Ramsden, **Diana N. Ionescu**, Janessa Laskin,. *Curr Onc* Jan 2015

- 2015 “*Relationship of thyroid transcription factor 1 to EGFR status in non-small-cell lung cancer*”, Sheffield BS, Bosdet IE, Ali RH, Young SS, McNeil BK, Wong C, Dastur K, Karsan A, **Ionescu DN.**, *Curr Oncol.* 2014 Dec;21(6):305-8
- 2015 “*Resource Utilization and Costs during the Initial Years of Lung Cancer Screening with Computed Tomography in Canada*”, Cressman S, Lam S, Tammemagi MC, Evans WK, Leighl NB, Regier DA, Bolbocean C, Shepherd FA, Tsao MS, Manos D, Liu G, Atkar-Khattra S, Cromwell I, Johnson MR, Mayo JR, McWilliams A, Couture C, English JC, Goffin J, Hwang DM, Puksa S, Roberts H, Tremblay A, MacEachern P, Burrowes P, Bhatia R, Finley RJ, Goss GD, Nicholas G, Seely JM, Sekhon HS, Yee J, Amjadi K, Cutz JC, **Ionescu DN**, Yasufuku K, Martel S, Soghrati K, Sin DD, Tan WC, Urbanski S, Xu Z, Peacock SJ; On behalf of the Pan-Canadian Lung Cancer Early Detection Study Team., *J Thorac Oncol.* 2014 Aug 7
- 2014 “*Canadian Anaplastic Lymphoma Kinase Study: A Model for Multicenter Standardization and Optimization of ALK Testing in Lung Cancer*”, Cutz JC, Craddock KJ, Torlakovic E, Brandao G, Carter RF, Bigras G, Deschenes J, Izevbaye I, Xu Z, Greer W, Yatabe Y, **Ionescu DN**, Karsan A, Jung S, Fraser RS, Blumenkrantz M, Lavoie J, Fortin F, Bojarski A, Côté GB, van den Berghe JA, Rashid-Kolvear F, Trotter M, Sekhon HS, Albadine R, Tran-Thanh D, Gorska I, Knoll JH, Xu J, Blencowe B, Iafrate AJ, Hwang DM, Pintilie M, Gaspo R, Couture C, Tsao MS., *J Thorac Oncol.* 2014 Sep;9(9):1255-63
- 2014 “*A population-based review of the feasibility of platinum-based combination chemotherapy after tyrosine kinase inhibition in EGFR mutation positive non-small cell lung cancer patients with advanced disease for consideration for publication in lung cancer.*” Mariano C, Bosdet I, Karsan A, **Ionescu DN**, Murray N, Laskin JJ, Zhai Y, Melosky B, Sun S, Ho C., *Lung Cancer.* 2014 Jan;83(1):73-7
- 2014 “*Impact of the College of American Pathologists, the International Association for the Study of Lung Cancer, and the Association for Molecular Pathology clinical practice guidelines for EGFR and ALK testing in lung cancer in Canada*”, **Ionescu DN**, *Curr Oncol.* 2013 Aug;20(4):220-6.
- 2014 “*A Prospective Clinical Utility and Pharmacoeconomic Study of the Impact of the 21 Gene Recurrence Score® assay in Estrogen Receptor Positive Node Negative Breast Cancer*” (Davidson JA, Cromwell I, Ellard SL, Lohrisch C, Gelmon KA, Shenkier T, Villa D, Lim H, Sun S, Taylor S, Taylor M, Czerkawski B, Hayes M,

- Ionescu D**, Pope, J, Berube J, Yoshizawa C, Chao C, Peacock S and Chia S, Eur J Cancer. 2013 Apr 20.
- 2014
"Immunohistochemistry is a reliable screening tool for identification of ALK rearrangement in non-small-cell lung carcinoma and is antibody dependent.", Conklin CM, Craddock KJ, Have C, Laskin J, Couture C, **Ionescu DN**., J Thorac Oncol. 2013 Jan;8(1):45-51.
- "Thymoma: a population-based study of the management and outcomes for the province of British Columbia"*., Mariano C, **Ionescu DN**, Cheung WY, Ali RH, Laskin J, Evans K, Carolan H, Murray N., J Thorac Oncol. 2013 Jan;8(1):109-17.
- "EGFR tyrosine kinase mutation testing in the treatment of Non-Small Cell Lung Cancer"*, S Kamel-Reid, G Chong, **DN Ionescu**, AM Magliocco, A Spatz, M Tsao, X Weng, S Young, T Zhang, D Soulieres ", Curr Oncol. 2012 Apr;19(2):e67-74.
- 2013
"Using laser Raman Spectroscopy to reduce false positives of autofluorescence bronchoscopies: a pilot study", Short MA, Lam S, McWilliams AM, **Ionescu DN**, Zeng H., J Thorac Oncol. 2011 Jul;6(7):1206-14
- "A systematic review and consensus recommendations on the use of biomarkers in the treatment of Non-Small Cell Lung Carcinoma (NSCLC)"*, PM Ellis, N Blais, D Soulieres, **D. Ionescu** et al Thorac Oncol. 2011 Aug;6(8):1379-91
- 2013
"Optimal immunohistochemical markers for distinguishing lung adenocarcinomas from squamous cell carcinomas in small tumor samples.", J. Terry, S. Leung, J. Laskin, K.O. Leslie, A.M. Gown, **D.N. Ionescu** (Am J Surg Pathol. 2010 Dec;34(12):1805-11)
- "BCL-2 Expression is Prognostic for Improved Survival in Non-Small Cell Lung Cancer"*, D. Renouf, R. Wood-Baker; **D. Ionescu**, S. Leung, H. Massoudi, B. Gilks, J. Laskin· J. J Thorac Oncol. 2009 Apr;4(4):486-91.
- 2013
"Ovarian carcinoma subtypes are different diseases: implications for biomarker studies", Köbel M, Kalloger SE, Boyd N, McKinney S, Mehl E, Palmer C, Leung S, Bowen NJ, **Ionescu DN**, Rajput A, Prentice LM, Miller D, Santos J, Swenerton K, Gilks CB, Huntsman D., PLoS Med. 2008 Dec 2;5(12):e232.
- 2012
"Tumor cell type can be reproducibly diagnosed and is of independent prognostic significance in patients with maximally debulked ovarian carcinoma", Gilks CB, **Ionescu DN**, Kalloger

- SE, Köbel M, Irving J, Clarke B, Santos J, Le N, Moravan V, Swenerton K), HumPath 2008
- 2011 *"Pulmonary Puzzle: A pleural mass with pulmonary infiltrates"* Ryerson CJ, Malhotra S, Lam S, English JC, **Ionescu DN.**, Thorax. 2007 Aug;62(8):666, 695
- "Parvovirus B19 infection in the immunocompromised host"* (A. Florea, **DN Ionescu**, M. Melhelm), Archives of Pathology and Laboratory Medicine, Arch Pathol Lab Med. 2007 May;131(5):799-804
- 2011 *"Non-small cell lung carcinoma with neuroendocrine differentiation – an entity of no clinical or prognostic significance"*, (**DN Ionescu**, CB Gilks, J Laskin, AM Gown), Am J Surg Pathol. 2007 Jan;31(1):26-32
- 2010 *"A 75-year-old man with an asymptomatic pleural-based mass discovered on routine chest radiographs. Primary pleural thymoma"* (Qing G, **Ionescu DN**, Colby TV, Leslie KO.), Arch Pathol Lab Med. 2006 Apr;130(4):e62-5.
- "Metastatic basal cell carcinoma-fact or fiction?"* (**DN. Ionescu**, M. Arida, D. Yukic), Arch Pathol Lab Med. 2006 Jan;130(1):45-51
- 2009 *"Pulmonary Fibrosis in Hermansky-Pudlak Syndrome: A case report and review"* (Pierson D.M., **Ionescu DN**, Qing G., Yonan A.M., Parkinson K., Colby T.C., Leslie K.), Respiration. 2006 Feb 14
- 2008 *"Attenuated familial adenomatous polyposis: a case report with mixed features and review of genotype-phenotype correlation"* **Ionescu DN** et al), Arch Pathol Lab Med. 2005 Nov;129(11):1401-4.
- 2008 *"C4d deposition in lung allografts with antibody mediated rejection"* (**DN Ionescu**, A.L. Girnita, A. Zeevi, R. Duquesnoy, J. Pilewski, B. Johnson, S. Studer, K.R. McCurry and S.A. Yousem), Transplant Immunology, Volume 15, Issue 1, October 2005, 63-68
- 2007 *"Pulmonary crystal-storing histiocytoma"* (**DN Ionescu**, D. Pierson, K. Leslie, T. Colby), Arch Pathol Lab Med. 2005 Sep;129(9):1159-63.
- "Recurrent sarcoidosis in lung transplant allografts: granulomas are of recipient origin"* (**DN Ionescu**, J Hunt, D Lohmar, S. Yousem), Diagn Mol Pathol. 2005 Sep;14(3):140-5
- 2007

- "Patterns of allelic loss of synchronous adenocarcinomas of the lung"* (S. Dacic, **DN Ionescu**, S. Finkelstein, S. Yousem), *Am J Surg Pathol*. 2005 Jul;29(7):897-902
- 2006 *"Pathologic Quiz Case: Persistent Fever in a Lung Transplant Patient"* (**DN. Ionescu**, S. Dacic), *Archives of Pathology and Laboratory Medicine*: Vol. 129, No. 6, pp. e153–e154, 2005
- "Pathologic Quiz Case: A 33-Year-Old Woman With a Large Temporal Mass"*, (**DN. Ionescu**, K McFadden, K. K Unni, ME. Couce). 2005: *Archives of Pathology and Laboratory Medicine*: Vol. 129, No. 4, pp. 539–540
- 2006 *"Protein Expression and Gene Amplification of Epidermal Growth Factor Receptor in Thymomas"* **Ionescu DN**, E. Sasatomi, K. Cieply, M. Nola, S. Dacic, *Cancer*. 2005 Feb 1;103(3):630-6.
- 2006 *"Pulmonary meningothelial-like nodules-a genotyping comparison with meningiomas"* (**Ionescu DN**, Sasatomi, E, Aldeeb, D., Omalu, B. Finkelstein, S., Swalsky, P., Yousem, S.), *AJSP*, 28(2): 207-214, February 2004
- 2006
- 2005
- 2005
- 2005
- 2005
- 2005

2005

2005

2005

2004

2004 *"Epidermoid metaplasia of the cervix"* (**Ionescu DN**, M. Deepak, D. Dabbs), Arch Path Lab Med, Vol. 128, Issue 9, September 2004, 1052-1053

2003 *"Characterization of airway plugging in fatal asthma"* (LM. Kuyper, P.D. Paré, J. C. Hogg, R.K. Lambert, **DN Ionescu**, R.Woods and TR. Bai, The Am. J. Medicine, sVol. 115, Issue 1, July 2003, 6-11)

2003 *"Pathology quiz case 2. Lymphoepithelial carcinoma (LEC) with a focal conventional squamous cell carcinoma (SCC) component"* (Milne H, **Ionescu DN**, Barnes L, Myers E, Hunt J.) Arch Otolaryngol Head Neck Surg. 2003 Mar; 129(3): 370, 372

2002 *"Emphysematous lung destruction by cigarette smoke. The effects of latent adenoviral infection on the lung inflammatory response."* (Meshi B, Vitalis TZ, **Ionescu D**, Elliott WM, Liu C, Wang XD, Hayashi S, Hogg JC. Am J Respir Cell Mol Biol. 2002 Jan; 26(1):52-7.

References

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Degrees

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2016/9 - 2020/11	Doctorate, PhD, Immuno-oncology Degree Status: Completed Thesis Title: DEVELOPMENT, ANALYSIS, AND EVOLUTION OF MULTISPECIFIC CAR-T LYMPHOCYTES IN THE IMMUNOTHERAPY OF CANCER
2016/1 - 2020/1	Diploma, Specialist, Pathology Degree Status: Completed
2009/11 - 2015/6	Diploma, Medical Doctor, M.D. Degree Status: Completed

Employment

2021/10 - 2024/9	Pathologist specialist Spitalul Clinic de Boli Infectioase si Pneumoftiziologie Dr. Victor Babes, Timisoara, Romania Full-time Thoracic pathologist with a focus on lung tumor pathology and interstitial lung disease Breast tumor pathology Research on lung tumors NGS pan-tumors research
2017/3 - 2020/10	Assistant Professor in Pathology Pathology, Full-time, Assistant Professor - Teach general and special pathology to third-year medical students - Teaching in Romanian, and English

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Publications

Journal Articles

1. Olteanu GE , Vigdorovits A , Barna RA , Mazilu L , Manolache V , Preoteasa V , Curcean S , Roman A , Motas N , Dediu M , Ionescu DN. (2024). Lung Cancer in Romania. *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*. 19(11): 1492-1503.
Published
2. Olteanu GE , Kern I , Kalson L , Brcic L. (2024). From Morphology to Molecules: Advances in the Distinction of Multiple Primary Lung Cancers From Intrapulmonary Metastases in Non-Small Cell Lung Cancer. *Advances in anatomic pathology*. 31(5): 318-323.
Published
3. Vigdorovits A , Olteanu GE , Pascalau AV , Pirlog R , Berindan-Neagoe I , Pop OL. (2024). Novel Immunohistochemical Profiling of Small-Cell Lung Cancer: Correlations Between Tumor Subtypes and Immune Microenvironment. *Diagnostics (Basel, Switzerland)*. 14(23)
Published
4. Petrascu FM , Matei SC , Margan MM , Ungureanu AM , Olteanu GE , Murariu MS , Olariu S , Marian C. (2024). The Impact of Inflammatory Markers and Obesity in Chronic Venous Disease. *Biomedicines*. 12(11)
Published
5. Marc MS , Pescaru CC , Costin EO , Crisan AF , Maritescu A , Pescaru A , Suppini N , Olteanu GE , Traila D , Oancea C , Manolescu D. (2023). Large Lung Consolidation: A Rare Presentation of Pulmonary Sarcoidosis. *Life (Basel, Switzerland)*. 14(1)
Published
6. Köteles MM , Vigdorovits A , Kumar D , Mihai IM , Jurescu A , Gheju A , Bucur A , Harich OO , Olteanu GE. (2023). Comparative Evaluation of Breast Ductal Carcinoma Grading: A Deep-Learning Model and General Pathologists' Assessment Approach. *Diagnostics (Basel, Switzerland)*. 13(14)
Published
7. Olteanu EG , Bataneant M , Puiu M , Chirita-Emandi A. (2023). When Mast Cells Run Amok: A Comprehensive Review and Case Study on Severe Neonatal Diffuse Cutaneous Mastocytosis. *Genes*. 14(11)
Published
8. Calabrese F , Lunardi F , Baldasso E , Pezzuto F , Kilitci A , Olteanu GE , Del Vecchio C , Fortarezza F , Boscolo A , Schiavon M , Vedovelli L , Cattelan A , Gregori D , Rea F , Navalesi P. (2023). Comprehensive bronchoalveolar lavage characterization in COVID-19 associated acute respiratory distress syndrome patients: a prospective cohort study. *Respiratory research*. 24(1): 152.
Published
9. Avram, S , Bora L , Vlaia LL , Müt AM , Olteanu GE , Olariu I , Magyari-Pavel IZ , Minda D , Diaconeasa Z , Sfirloaga P , Adnan M , Dehelean CA , Danciu C. (2023). L. Essential Oil: In Vitro Release and Permeation, Angiogenesis, and Safety Profile In Ovo. *Pharmaceuticals (Basel, Switzerland)*. 16(7)
Published
10. Bora L , Iftode A , Müt AM , Vlaia LL , Olteanu GE , Muntean D , Dehelean CA , Buda V , Coneac GH , Danciu C. (2023). Stability Profile and Clinical Evaluation of an Innovative Hydrogel Containing Polymeric Micelles as Drug Delivery Systems with Oregano Essential Oil against Fibroepithelial Polyps. *Pharmaceuticals (Basel, Switzerland)*. 16(7)
Published
11. Vigdorovits A , Köteles MM , Olteanu GE , Pop O. (2023). Breaking Barriers: AI's Influence on Pathology and Oncology in Resource-Scarce Medical Systems. *Cancers*. 15(23)
Published

12. Olteanu GE , Oancea CI , Catalin M , Trifa AP , Dascalu S. (2023). Addressing the unmet need for a comprehensive lung cancer registry in Romania.Frontiers in oncology. 13: 1211533.
Published
13. Olteanu GE , Pezzuto F , Lunardi F , Fortarezza F , Dubini A , Calabrese F. (2023). Exploring the pathologist's role in understanding COVID-19: from pneumonia to long-COVID lung sequelae.Pathologica. 115(5): 275-283.
Published
14. Fira-Mladinescu O , Suppini N , Olteanu GE , Fira-Mladinescu C , Traila D. (2022). Bronchoalveolar Lavage as a Diagnostic Tool in an Atypical Pulmonary Langerhans Cell Histiocytosis.Diagnosics (Basel, Switzerland). 12(6)
Published
15. Mannarino L , Paracchini L , Pezzuto F , Olteanu GE , Moracci L , Vedovelli L , De Simone I , Bosetti C , Lupi M , Amodeo R , Inglesi A , Callari M , Penpa S , Libener R , Delfanti S , De Angelis A , Muzio A , Zucali PA , Allavena P , Ceresoli GL , Marchini S , Calabrese F , D'Incalci M , Grosso F. (2022). Epithelioid Pleural Mesothelioma Is Characterized by Tertiary Lymphoid Structures in Long Survivors: Results from the MATCH Study.International journal of molecular sciences. 23(10)
Published
16. Harich OO , Olteanu GE , Mihai IM , Benta M , Isabella GO , Virgil P , Bojin FM. (2022). Unique Growth Pattern Presentation of a Papillary Renal Cell Carcinoma.Diagnosics (Basel, Switzerland). 12(8)
Published
17. Barbulescu GI , Buica TP , Goje ID , Bojin FM , Ordodi VL , Olteanu GE , Heredea RE , Paunescu V. (2022). Optimization of Complete Rat Heart Decellularization Using Artificial Neural Networks.Micromachines. 13(1)
Published
18. Mihai IM , Olteanu GE , Herman D , Anderco D , Iacob M , Nataras B , Cumpanas AA , Bardan R , Dema A. (2021). Analysis of Tumor Depth Invasion With Anti-Smoothelin Antibody in Equivocal Transurethral Resection of Urinary Bladder Tumor Surgical Specimens.International journal of surgical pathology. 29(1): 54-63.
Published
19. Olteanu GE , Mihai IM , Bojin F , Gavriliuc O , Paunescu V. (2020). The natural adaptive evolution of cancer: The metastatic ability of cancer cells.Bosnian journal of basic medical sciences. 20(3): 303-309.
Published
20. Cioca A , Olteanu EG , Gisca MD , Morosanu CO , Marin I , Florian IS. (2016). Expression of EGFR in Paired New and Recurrent Glioblastomas.Asian Pacific journal of cancer prevention : APJCP. 17(9): 4205-4208.
Published