

Canadian Common CVs of Investigators

- Fei Geng – Canadian Common CV
- Rosalyn Juergens – Canadian Common CV
- Monsur Ali – Canadian Common CV

Date Submitted: 2025-09-30 00:19:22

Confirmation Number: 1994548

Template: CIHR Biosketch

Dr. FEI GENG

Correspondence language: English

Sex: Male

Date of Birth: 10/27

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

Contact Information

The primary information is denoted by (*)

Address

Primary Affiliation (*)

W Booth School of Engineering Practice

ETB-203

McMaster University

1200 Main Street West

CANADA (L8N 3Z5)

Hamilton Ontario L8N 3Z5

Canada

Telephone

Mobile (*) 001-905-9029163

Work 001-905-5259140 extension: 20285

Email

Work (*) gengf@mcmaster.ca

Website

Personal <https://www.eng.mcmaster.ca/people/faculty/fei-geng>



Protected when completed

Dr. FEI GENG

Degrees

2004/9 - 2011/12	Doctorate, Doctor of Philosophy, McMaster University Degree Status: Completed
2001/9 - 2004/8	Master's Thesis, Master of Science, Fudan University Degree Status: Completed
1996/9 - 2001/7	Bachelor's Honours, Bachelor of Medicine, Jining Medical College Degree Status: Completed

Credentials

2016/2	P.Eng., Professional Engineers Ontario
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Recognitions

2021/8	Michael G. DeGroote Institute Research Award McMaster University
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Employment

2022/3	Associate Professor W Booth School of Engineering Practice and Technology, Engineering, McMaster University
2020/7	Program Chair in Biotechnology W Booth School of Engineering Practice and Technology, Engineering, McMaster University
2019/4	Assistant Professor W Booth School of Engineering Practice and Technology, Engineering, McMaster University

Affiliations

The primary affiliation is denoted by (*)

(*) 2013/5	Associate Professor, McMaster University
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Research Funding History

Awarded [n=7]

2025/9 - 2027/8	Scalability Development of Fc3TSR Preparation Using Shake Flasks and Bioreactors
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Principal Applicant	Funding Sources: Mathematics of Information Technology and Complex Systems (MITACS) Mitacs Accelerate Total Funding - 90,000 Funding Competitive?: Yes
2024/7 - 2025/7 Principal Investigator	Advancing Early Detection of Lung Cancer through Multiplex Lateral Flow-Based Liquid Biopsy: A Blood Based Pre-Screening Approach Funding Sources: AstraZeneca Canada Inc. Lung Ambition Award Total Funding - 50,000 Funding Competitive?: Yes
2022/9 - 2024/8 Principal Investigator	YAP mechanotransduction in autophagy and tumor metastasis Funding Sources: Mathematics of Information Technology and Complex Systems (MITACS) Accelerate Total Funding - 60,000 Funding Competitive?: Yes
2019/10 - 2022/12 Principal Applicant	Targeting platelet-neutrophil axis: a novel therapeutic approach for Scleroderma Funding Sources: Mathematics of Information Technology and Complex Systems (MITACS) Accelerate Total Funding - 60,000 Funding Competitive?: Yes
2021/8 - 2022/7 Principal Applicant	The proteomic profiling of pain signatures for post-surgical patients Funding Sources: Michael G. DeGroote Institute for Pain Research and Care IPRC Catalyst Grant Total Funding - 60,000 Funding Competitive?: Yes
2018/2 - 2022/2 Co-applicant	Development of cost-effective label-free protein biosensors using magnetic bio-inks Funding Sources: Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Development (CRD) Grant Total Funding - 565,000 Funding Competitive?: Yes Principal Applicant : Ishwar Puri
2018/11 - 2020/11 Principal Applicant	The molecular mechanism of autophagy in systemic sclerosis and its clinical implication Funding Sources: Scleroderma Society of Ontario Scleroderma Research Grant Total Funding - 25,000 Funding Competitive?: Yes

Publications

Journal Articles

1. Ge,C*; Yuan,Y; Selvaganapathy,R; Geng,F. (2025). Enhancing Proliferation of Bovine Muscle Satellite Cells in 3D Culture Through Matrix Modulation. Tissue Engineering and Regenerative Medicine. 0: 0.
Revision Requested
Refereed?: Yes
2. Wu,Y; Su,Z; Ge,C*; You,L; Geng,F. (2025). Bidirectional regulation of YAP and β -Catenin by Piezo1 through cytoskeletal dynamics in metastatic breast cancer cells. Journal of Cell Science. 0: 0.
Revision Requested
Refereed?: Yes
3. Su Z, Wu Y, Ge C, Barooj S, Hirota JA, Geng F. (2025). Deciphering the Mechanotransduction Symphony: Stiffness-Dependent Interplay of YAP and β -Catenin in Breast Cancer Metastasis. iScience. 0: 0.
In Press
Refereed?: Yes
4. Grewal, R*; Ortega, GA; Geng, F; Srinivasan, S; Rajabzadeh, AR. (2024). Label-free electrochemical detection of glycated hemoglobin (HbA1c) and C-reactive protein (CRP) to predict the maturation of coronary heart disease due to diabetes. Bioelectrochemistry. 159: 108743.
Published
Refereed?: Yes, Open Access?: Yes
5. Lin C.Y., Sassi A., Wu Y., Seaman K., Tang W., Song X., Bienenstock R., Yokota H., Sun Y., Geng F., Wang L., You L. (2024). Mechanotransduction pathways regulating YAP nuclear translocation under Yoda1 and vibration in osteocytes. Bone. 190: 117283.
Published
Refereed?: Yes, Open Access?: Yes
6. Ge, C*; Selvaganapathy, PR; Geng, F. (2023). Advancing our understanding of bioreactors for industrial-sized cell culture: health care and cellular agriculture implications. American Journal of Physiology-Cell Physiology. 20230724: 20230724.
Published
Refereed?: Yes
7. Raha, A; Wu, Y; Zhong, L; Raveenthiran, J; Hong, M; Taiyab, A; Wang, L; Wang, B; Geng F. (2023). Exploring Piezo1, Piezo2, and TMEM150C in Human Brain Tissues and Their Correlation with Brain Biomechanical Characteristics. Molecular Brain. 16: 83.
Published
Refereed?: Yes, Open Access?: Yes
8. Tsai, Y; Nanthakumar, V; Mohammadi, S; Baldwin, SA; Gopaluni, B; Geng F. (2023). Targeted Deep Learning Classification and Feature Extraction for Clinical Diagnosis. iScience. 26(11): 108006.
Published
Refereed?: Yes, Open Access?: Yes
9. Song, X; Lin, CY; Raha, A, Ke, Y, Wang, L, Geng, F; You, L. (2022). Vibration in Preventing Breast Cancer Bone Metastasis. Journal of bone and mineral research. 37: 202.
Published
Refereed?: Yes
10. Wang, Y; et al. (2022). The CaT stretcher: An open-source system for delivering uniaxial strain to cells and tissues (CaT). Frontiers in Bioengineering and Biotechnology. 10: 959335.
Published
Refereed?: Yes

11. Wasi, M; Wang, S; Xiong, J; Geng, F; You, L; Wang, L. (2022). Longitudinal Monitoring of Breast Cancer-Induced Osteolysis in Aged Female Mice. *Journal of bone and mineral research*. 37: 202-203.
Published
Refereed?: Yes
- [12.](#) *Yu, W; *Bai, Y; *Raha, A, *Su, Z; Geng, F. (2022). Integrative In Silico Investigation Reveals the Host-Virus Interactions in Repurposed Drugs Against SARS-CoV-2. *Front. Bioinform.* 11 January 2022: 11 January 2022.
Published
Refereed?: Yes
13. Lin, CY; Song, X; Ke, Y; Raha, A; Wu, Y; Wasi, M; Wang, L; Geng, F; You, L. (2022). Yoda1 Enhanced Low-Magnitude High-Frequency Vibration on Osteocytes in Regulation of MDA-MB-231 Breast Cancer Cell Migration. *Cancers*. 14(14): 3395.
Published
Refereed?: Yes
14. Chen, W*; Park, S*; Patel, C*; Bai, Y*; Henary, K*; Raha, A*; Mohammadi, S; You, L; Geng, F. (2021). The migration of metastatic breast cancer cells is regulated by matrix stiffness via YAP signalling. *Heliyon*. 7(2): e06252.
Published
Refereed?: Yes, Open Access?: Yes
15. Gupta, T*; Aithal, S; Mishriki, S*; Sahu, RP; Geng, F; Puri IK. (2020). Label-Free Magnetic-Field-Assisted Assembly of Layer-on-Layer Cellular Structures. *ACS Biomaterials Science & Engineering*. 6(7): 4294-4303.
Published
Refereed?: Yes, Open Access?: No
- [16.](#) Mishriki, S; Aithal, S; Gupta, T; Sahu, RP; Geng, F; Puri IK. (2020). Fibroblasts Accelerate Formation and Improve Reproducibility of 3D Cellular Structures Printed with Magnetic Assistance. *Research*. 2020: 3970530.
Published
Refereed?: Yes, Open Access?: Yes
- [17.](#) Kong, Q; Xiang, Z; Wu, Y; Gu, Y; Guo, J; Geng, F. (2020). Analysis of the susceptibility of lung cancer patients to SARS-CoV-2 infection. *Mol Cancer*. 19(1): 80.
Published
Refereed?: Yes, Open Access?: Yes
18. Chen, W*; Bai, Y*; Patel, C*; Geng, F. (2019). Autophagy promotes triple negative breast cancer metastasis via YAP nuclear localization. *Biochem Biophys Res Commun*. 520(2): 263-268.
Published
Refereed?: Yes

Conference Publications

1. Chen, W*; Raha, A*; Geng, F. The regulation of breast cancer metastasis by YAP mechanotransduction. 64th Annual Conference of the Canadian Society of Molecular Biosciences (CSMB), Montréal, Canada
Conference Date: 2021/6
Abstract
Refereed?: Yes, Invited?: No
2. Chen W*, Patel C*, Bai Y*, Geng F. The regulation of autophagy via YAP signaling in systemic sclerosis. The 25th Canadian Connective Tissue Conference, Montreal, Canada
Conference Date: 2019/5
Abstract
Refereed?: Yes, Invited?: Yes

Intellectual Property

Licenses

1. P.Eng.
Granted
Date Issued: 2016/2
Filing Date: 2023/03/16

Presentations

1. (2024). The development of ctDNA/microRNA analytical platform for the early detection of lung cancer. Lung Cancer Canada, Canada
Main Audience: General Public
Invited?: Yes, Keynote?: Yes
2. Fei Geng. (2021). The regulation of breast cancer metastasis by YAP mechanotransduction. 64th Annual Conference of the Canadian Society of Molecular Biosciences (CSMB), Canada
Main Audience: Researcher
Invited?: No, Keynote?: No
3. Fei Geng. (2019). The regulation of autophagy via YAP signaling in systemic sclerosis. The 25th Canadian Connective Tissue Conference, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No

Student/Postdoctoral Supervision

Master's Thesis [n=4]

2025/1 - 2027/1	Paola Gonzalez Perez, McMaster University
Principal Supervisor	Thesis/Project Title: The investigation of circulating tumor DNA (ctDNA) kinetics in lung cancer patients Present Position: Master's student
2022/1 - 2024/1	Zhi Su, McMaster University
Principal Supervisor	Thesis/Project Title: YAP regulation in the mechanotransduction of breast cancer metastasis Present Position: Scientist at Bartek Inc.
2022/1 - 2023/12	Yuning Wu, McMaster University
Principal Supervisor	Thesis/Project Title: Beta-catenin regulation in the mechanotransduction of breast cancer metastasis Present Position: Master's student
2019/9 - 2022/8	Wei Chen, McMaster University
Principal Supervisor	Thesis/Project Title: The regulation of YAP signaling network in cellular mechanotransduction Present Position: Scientist

Doctorate [n=4]

2025/1 - 2030/1 Principal Supervisor	Chang Ge, McMaster University Thesis/Project Title: The metabolic engineering and the manipulation of mechanotransduction in 3D spheroid culture Present Position: PhD student
2020/9 - 2026/8 Principal Supervisor	Arjun Raha, McMaster University Thesis/Project Title: Piezo1 mediated mechanotransduction in GBM spheroids Present Position: Ph.D. student
2018/11 - 2022/8 Co-Supervisor	Tamaghna Gupta, McMaster University Thesis/Project Title: The development of 3D cell culture system for cellular mechanotransduction studies Present Position: Ph.D. student
2018/1 - 2021/1 Co-Supervisor	Sarah Mishriki, McMaster University Thesis/Project Title: In situ 3D cell assemblies through a contactless method-diamagnetophoresis Present Position: Ph.D. candidate

Post-doctorate [n=2]

2022/7 - 2024/7 Principal Supervisor	Yiting Tsai, McMaster University Thesis/Project Title: Biomarker discovery and proteomic profiling via machine learning Present Position: Postdoc Fellow
2020/5 - 2022/5 Principal Supervisor	Saeed Mohammadi, McMaster University Thesis/Project Title: The development of extracellular matrix with tunable stiffness for the mechanotransduction study Present Position: Postdoctoral researcher

Date Submitted: 2024-02-27 15:55:59

Confirmation Number: 1750479

Template: Full CV

Dr. Rosalyn Juergens

Correspondence language: English

Sex: Female

Date of Birth: 8/23

Canadian Residency Status: Permanent Resident

Permanent Residency Start Date: 2010/12/20

Country of Citizenship: United States of America

Contact Information

The primary information is denoted by (*)

Address

Primary Affiliation (*)

699 Concession Street
Juravinski Cancer Centre
Fourth Floor - Room 228
Hamilton Ontario L8V 5C2
Canada

Telephone

Work (*) 1-905-3879495 extension: 63123

Email

Work (*) juergensr@hhsc.ca

Website

Corporate <https://experts.mcmaster.ca/display/juergen>
Corporate <http://www.everypatientmatters.ca/researchers/9>

Dr. Rosalyn Juergens

Language Skills

Language	Read	Write	Speak	Understand	Peer Review
English	Yes	Yes	Yes	Yes	
French	No	No	No	No	

Degrees

2004/8 - 2012/5	Doctorate, PhD, Clinical Investigation, Johns Hopkins University Degree Status: Completed Thesis Title: Targeting Epigenetic Changes in Lung Cancer Supervisors: Charles Rudin, MD PhD Research Disciplines: Oncology Areas of Research: Lung Cancer Fields of Application: Pathogenesis and Treatment of Diseases
2003/7 - 2006/6	Doctorate, Medical Oncology Fellowship - Fellow, Medical Oncology, Johns Hopkins University Degree Status: Completed Supervisors: Ross Donehower, MD
2000/7 - 2003/6	Doctorate, Internal Medicine Internship and Residency, Internal Medicine, Johns Hopkins University Degree Status: Completed Supervisors: Charles Weiner, MD
1996/8 - 2000/5	Doctorate, M.D., Medicine, Georgetown University Degree Status: Completed Supervisors: Mitchell, Stephen
1992/8 - 1996/5	Bachelor's, Bachelor of Science, Biological Research, Loras College Degree Status: Completed Thesis Title: Identification of Proteins Binding to the Brachial Regulatory Element of the Brachial Spinal Chord Enhancer of Murine Homeobox Gene A5 Supervisors: Eagleson, Gerald Research Disciplines: Molecular Biology Areas of Research: Biological and Biochemical Mechanisms

Credentials

2011/1	License to practice medical oncology, College of Physicians and Surgeons of Ontario Medical Oncology
2006/1	Board Certification in Medical Oncology, American Board of Internal Medicine Medical Oncology
2003/1 - 2023/5	License to practice medicine, Maryland Board of Physicians Internal Medicine and Medical Oncology
2003/1 - 2013/12	Board Certification in Internal Medicine, American Board of Internal Medicine Internal Medicine

Recognitions

	Teacher of the Year - Medical Oncology (Canadian dollar) McMaster University Distinction
2021/6	American Society of Clinical Oncology - Women Who Conquer Cancer Award Finalist (Canadian dollar) Distinction
2018/6	Teacher of the Year - Medical Oncology McMaster University Distinction
2018/4	Phase III Program Team Award Canadian Cancer Trials Group Prize / Award
2016/4	Investigational New Drug Program Team Award Canadian Cancer Trials Group Prize / Award
2012/5	Membership in Delta Omega Johns Hopkins University Distinction Membership in public health honor society
2012/5	Membership in Phi Beta Kappa Johns Hopkins University Distinction Membership in academic honor society
2005/5	Clinical Researcher Annual International Award Johns Hopkins Bloomberg School of Public Health Distinction Clinical Research
1999/5	Alpha Omega Alpha Georgetown University Distinction

User Profile

Researcher Status: Researcher
 Research Career Start Date: 2007/07/01
 Engaged in Clinical Research?: Yes

Research Interests: I have interests in multiple areas of clinical and translational research. I have focused mainly on lung and esophageal cancers. My key interests include epigenetics, immune-based therapies, genetically and epigenetically directed therapy, biomarkers in cancer, and functional imaging using PET.

Research Experience Summary: I have been involved as a principal investigator in numerous clinical trials. I have clinical research experience with several immune based therapies (such as PD-1 inhibitors and tumour directed viruses) as well as epigenetic directed therapy (demethylating agents and histone deacetylase inhibitors). In addition to my clinical research work I have contributed to at least weekly meetings with my basic science collaborators in epigenetics helping to guide pre-clinical experiments and taking laboratory experiment data back to inform our clinical trial development.

Research Specialization Keywords: clinical research, developmental therapeutics, epigenetics, esophageal cancer, Immunotherapy, lung cancer, molecular imaging, translational research

Disciplines Trained In: Epidemiology and Biostatistics, Molecular Biology, Oncology

Research Disciplines: Molecular Biology, Nuclear Medicine, Oncology

Areas of Research: Cancer Diagnosis and Detection, Cancer Genetics, Cancer of the Digestive System, Chemotherapy, Lung Cancer

Fields of Application: Pathogenesis and Treatment of Diseases

Employment

2023/4	Early Trials Advisory Group Member - Canadian Cancer Trials Group
2016/9	Chair, Clinical Trials, Juravinski Cancer Centre Oncology, McMaster University, Juravinski Cancer Centre Full-time, Term, Associate Professor
2016/7	Associate Professor Oncology, McMaster University, McMaster University Full-time, Associate Professor
2015/7	Chair, Medical Advisory Committee Lung Cancer Canada
2011/1	Assistant Professor Department of Oncology, McMaster University, McMaster University Full-time, Assistant Professor
2011/1	Adjunct Assistant Professor Department of Oncology, The Johns Hopkins University, Johns Hopkins University Part-time, Assistant Professor
2017/5 - 2024/4	Investigational New Drug Committee - Executive member Canadian Cancer Trials Group
2013/3 - 2023/7	Chair, Lung Disease Site Team Juravinski Cancer Centre
2019/5 - 2021/11	Chair, Investigational New Drug Committee Canadian Cancer Trials Group
2009/7 - 2010/12	Assistant Professor Medicine, The Johns Hopkins University, Johns Hopkins University Full-time, Assistant Professor
2007/7 - 2010/12	Assistant Professor Department of Oncology, The Johns Hopkins University, Johns Hopkins University Full-time, Assistant Professor

2006/7 - 2007/6 Chief Fellow - Medical Oncology
Department of Oncology, The Johns Hopkins University, Johns Hopkins University
Full-time

Affiliations

The primary affiliation is denoted by (*)

(*) 2016/7 Associate Professor, McMaster University

2011/1 Assistant Professor, McMaster University

Leaves of Absence and Impact on Research

2012/11 - 2013/6 Parental, McMaster University
I was on pregnancy / parental leave from late November 2012 through the end of May 2013. During this period I had reduced activity in my translational research endeavours.

2011/4 - 2011/9 Parental, McMaster University
Maternity leave

Research Funding History

Awarded [n=24]

2022/4 - 2027/3 Canadian Cancer Clinical Trials Network Cancer Centre Grant, Grant, Operating
Principal Applicant

2024/4 - 2026/3 GUT-INSTINCTS- Understanding the effect of the microbiome on response to
Principal Investigator neoadjuvant treatment with chemotherapy + immunotherapy in patients with resectable
non-small cell lung cancer (NSCLC)., Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

Hamilton Academic Health Sciences Organization
Total Funding - 177,294 (Canadian dollar) (Canadian dollar)

2024/1 - 2025/6 MATCH 3.0: Liquid vs solid tissue biopsy for mutation and translocation detection in non-
Co-investigator squamous non-small cell lung cancer., Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

Hamilton Health Sciences Foundation
Total Funding - 100,000 (Canadian dollar) (Canadian dollar)

2024/1 - 2025/1 Liquid vs solid tissue biopsy for mutation and translocation detection in non-squamous
Principal Applicant non-small cell lung cancer: Improving equity in cancer care delivery across Central-West
Ontario., Grant, Operating
Clinical Research Project?: Yes

Funding Sources:

Pfizer Canada, Lung Health Foundation; Lung Cancer Canada;
Quebec Lung Association
Total Funding - 100,000 (Canadian dollar) (Canadian dollar)

2024/1 - 2024/1 MATCH 2.0: Liquid vs solid tissue biopsy for mutation and translocation detection in non-
Co-investigator squamous non-small cell lung cancer: Improving equity in cancer care delivery across
Central-West Ontario., Grant

Clinical Research Project?: Yes

Funding Sources:

AstraZeneca Canada Inc.
Total Funding - 150,000 (Canadian dollar) (Canadian dollar)

2018/4 - 2022/3
Principal Applicant Canadian Cancer Clinical Trials Network Cancer Centre Grant, Grant, Grant, Operating

2017/9 - 2021/8
Principal Investigator Drug Resistance in Bodily Fluids Evaluation (DRIBLE)

Funding Sources:

2017/9 - 2019/8 AstraZeneca Canada Inc.
-
Total Funding - 100,000 (Canadian dollar)
Funding Competitive?: Yes

2017/6 - 2021/1
Principal Investigator Optimization of PD-L1 Testing in Hamilton

Funding Sources:

2017/6 - 2019/1 Merck Sharp & Dohme - Canada
IIT
Total Funding - 40,000 (Canadian dollar)
Funding Competitive?: No

2017/9 - 2019/8
Principal Investigator Utility of PD-L1 Testing in 2nd line NSCLC - Substudy of CA209-169

Funding Sources:

2017/2 - 2018/8 Bristol-Myers Squibb Canada Inc.
-
Total Funding - 33,000 (Canadian dollar)
Funding Competitive?: Yes

2014/4 - 2019/3
Principal Applicant Pilot of platform molecular testing in lung cancer

Funding Sources:

2014/5 - 2016/4 Juravinski Cancer Centre Foundation
Annual Gala Competition
Total Funding - 75,000 (Canadian dollar)
Funding Competitive?: Yes

Co-investigator : Elizabeth McCready; JC Cutz; Peter Ellis

2017/9 - 2018/8
Co-knowledge User Developing a Tool to Support Earlier Palliative Care

Funding Sources:

2017/9 - 2018/8 Canadian Institutes of Health Research (CIHR)
-
Total Funding - 100,000 (Canadian dollar)
Funding Competitive?: Yes

Principal Investigator : Hsien Seow

2015/8 - 2017/7
Principal Applicant A phase IB study of durvalumab (MEDI4736) with or without tremelimumab in patients with advanced incurable solid malignancies receiving standard chemotherapy regimens, Contract
Clinical Research Project?: Yes

Funding Sources:

2015/8 - 2017/7 National Cancer Institute of Canada (NCIC)
 Total Funding - 125,000 (Canadian dollar)
 Funding Competitive?: No

2015/7 - 2017/6 A randomized phase II trial of maintenance therapy with talazoparib or placebo in patients
 Principal Applicant with extensive disease small cell lung cancer, Contract
 Clinical Research Project?: Yes

Funding Sources:

2015/7 - 2017/6 National Cancer Institute of Canada (NCIC)
 Total Funding - 69,000 (Canadian dollar)
 Funding Competitive?: No

2011/1 - 2017/6 Imaging scientist award for development of translational research coordinating medical
 Principal Investigator oncology therapeutics and investigational imaging technologies.

Funding Sources:

2011/1 - 2016/12 Ontario Institute for Cancer Research (OICR)
 Investigator Awards Program
 Total Funding - 1,450,000 (Canadian dollar)
 Funding Competitive?: Yes

Principal Investigator : Rosalyn Juergens

2014/12 - 2016/11 Leveraging Research Discoveries in Hamilton: A Collaborative Clinical Study on Targeted
 Principal Investigator Alpha Radionuclide Therapy for Treatment Resistant Cancers

Funding Sources:

2014/11 - 2016/10 Boris Family Award
 Boris Scholars Award
 Total Funding - 294,500 (Canadian dollar)
 Funding Competitive?: Yes

Co-investigator : John Valliant; Karen Gulenchyn; Mark Levine

2009/12 - 2016/11 Bringing epigenetic therapy to the forefront of cancer management
 Co-investigator

Funding Sources:

2009/12 - 2012/11 American Association of Cancer Research (AACR)
 Stand up to Cancer Dream Team - SU2C-AACR-CT0109
 Total Funding - 2,337,852 (United States dollar)
 Funding Competitive?: Yes

Principal Investigator : Baylin, Stephen

2014/5 - 2015/4 Phase Ia, multi-centre, open-label, non-randomized study to assess the safety,
 Principal Investigator biodistribution and tumour uptake of [I-124]-CPD-1028 Injection

Funding Sources:

2014/5 - 2015/4 Centre for Probe Development and Commercialization
 Phase I development program in novel imaging probes
 Total Funding - 150,000 (Canadian dollar)
 Funding Competitive?: No

Co-investigator : Bane, Anita; Gulenchyn, Karen; Hotte, Sebastien; McWhirter, Elaine;
 Mukherjee, Som; Singnurkar, Amit

2013/4 - 2015/3 Evaluation of a patient-focused, nurse navigated esophageal cancer disease management
 Co-applicant pathway program

Funding Sources:

2013/4 - 2015/3 Hamilton Academic Health Sciences Organization (HAHSO)
 Innovation Grant Program
 Total Funding - 177,260 (Canadian dollar)
 Funding Competitive?: Yes

Co-applicant : Boylan, Colm; Dhesy-Thind, Sukhbinder; Farrokhyar, Forough; Shargall, Yaron; Sur, Ranjan; Woods, Anne;

Principal Applicant : Finley, Christian

2013/1 - 2014/12

Principal Investigator

Trial of two combinations of radiation and chemotherapy in resectable cancer of the esophagus and stomach, Grant, Operating
 Clinical Research Project?: Yes
 Project Description: The objective of this study is to examine 2 treatment options. One group of patients will receive brachytherapy followed by chemotherapy before surgery while the other group will receive the same chemotherapy and the usual type of external radiation followed by surgery. After surgery the pathologist will determine the number of patients who have no cancer left ('complete pathologic response'). Secondary objectives will determine the time it takes for the tumor to come back, the location within the body where the cancer comes back, and differences in swallowing scores. Eligible patients will have esophageal cancer and be a candidate for curative surgery. Patients must be fit enough to tolerate the treatment and not have any other major medical problems. Patients with other types of cancers will be excluded. A total of 60 patients will be included and randomly assigned to a treatment option as explained above.

Funding Sources:

2013/1 - 2014/12 Juravinski Cancer Centre Foundation
 Fall Grants Competition
 Total Funding - 100,000 (Canadian dollar)
 Funding Competitive?: Yes

2011/11 - 2014/10

Co-applicant

18F-Sodium Fluoride PET imaging as a replacement for bone scintigraphy

Funding Sources:

2011/11 - 2014/10 Medical Imaging Trial NEtwork of Canada
 Theme 1: Oncology Imaging
 Total Funding - 697,655 (Canadian dollar)
 Funding Competitive?: Yes

Co-applicant : Goodbody, Anne; Pond, Greg; Valliant, John; Wong-Pack, William;

Principal Applicant : Gulenchyn, Karen

2012/3 - 2014/2

Principal Investigator

A Single Arm, Phase 2 Study of Ganetespib in Subjects with Advanced Non-Small-Cell Lung Cancer with Anaplastic Lymphoma Kinase Gene Rearrangement (ALK-Positive NSCLC)., Contract
 Clinical Research Project?: Yes
 Project Description: A Single Arm, Phase 2 Study of Ganetespib in Subjects with Advanced Non-Small-Cell Lung Cancer with Anaplastic Lymphoma Kinase Gene Rearrangement (ALK-Positive NSCLC).

Funding Sources:

2012/3 - 2014/2 Synta Pharmaceuticals Inc. (USA)
 Lung Cancer Clinical Trials Program
 Total Funding - 100,000 (Canadian dollar)
 Funding Competitive?: No

2012/2 - 2014/1 Principal Investigator	A Randomized, Phase IIB/III Study of Ganetespib (STA-9090) in Combination with Docetaxel Versus Docetaxel Alone in Subjects with Stage IIIB or IV Non-Small-Cell Lung Cancer, Contract Clinical Research Project?: Yes Funding Sources: 2011/10 - 2013/9 Synta Pharmaceuticals Inc. (USA) Lung Cancer Clinical Trials Program Total Funding - 75,000 (Canadian dollar) Funding Competitive?: No Principal Investigator : Roaslyn Juergens
2012/1 - 2013/12 Principal Investigator	A Multi-arm Phase I Study of BMS-936558 in Combination with Gemcitabine/Cisplatin, Pemetrexed/Cisplatin, or Carboplatin/Paclitaxel in Subjects with Treatment-Naive Stage IIB/IV NSC Lung Cancer, Contract Clinical Research Project?: Yes Funding Sources: 2012/1 - 2013/12 Bristol-Myers Squibb Canada Inc. Phase I clinical Trial with BMS Total Funding - 250,000 (Canadian dollar) Funding Competitive?: No Principal Investigator : Rosalyn Juergens
2011/1 - 2013/10 Principal Investigator	A Randomized, Double-Blind, Phase 2 Study of erlotinib (Tarceva®) in combination with OSI-906 or placebo in Chemonaive Patients with Advanced NSCLC with Activating Mutations of the Epidermal Growth Factor Receptor (EGFR) Gene, Contract Clinical Research Project?: Yes Funding Sources: 2011/10 - 2013/9 Astellas Pharma Canada, Inc. Lung Cancer Clinical Trials Program Total Funding - 86,430 (Canadian dollar) Funding Competitive?: No
Completed [n=15]	
2018/5 - 2020/4 Co-investigator	Biomarker study in conjunction with a phase I/II clinical trial of Debio-1143 and avelumab Funding Sources: BioCanRX - Total Funding - 100,000 Funding Competitive?: Yes
2016/6 - 2019/5 Principal Applicant	Oncolytic Virus Therapy in Cancer Funding Sources: 2016/6 - 2019/5 BioCanRX - Total Funding - 120,000 (Canadian dollar) Funding Competitive?: Yes
2015/4 - 2016/3 Principal Applicant	Study of MK-3475 (Pembrolizumab) Versus Platinum-based Chemotherapy for Participants With PD-L1-positive Advanced or Metastatic Non-small Cell Lung Cancer, Contract

Clinical Research Project?: Yes

Funding Sources:

2015/4 - 2016/3 Merck Frosst Canada Inc
Total Funding - 100,000 (Canadian dollar)
Funding Competitive?: No

2012/1 - 2015/8
Principal Applicant

A Multi-arm Phase I Study of BMS-936558 in Combination with Gemcitabine/Cisplatin, Pemetrexed/Cisplatin, or Carboplatin/Paclitaxel in Subjects with Treatment-Naive Stage IIIB/IV Non-small Cell Lung Cancer (NSCLC), Contract
Clinical Research Project?: Yes

Funding Sources:

2012/1 - 2015/8 Bristol-Myers Squibb Canada Inc.
Total Funding - 100,000 (Canadian dollar)
Funding Competitive?: No

2008/10 - 2013/9
Co-investigator

SPORE in Lung Cancer

Funding Sources:

2008/10 - 2013/9 National Institutes of Health (NIH) (USA)
Epigenetics in Lung Cancer - P50 CA058184
Total Funding - 886,450 (United States dollar)
Funding Competitive?: Yes

Principal Investigator : Baylin, Stephen

2008/3 - 2013/2
Co-investigator

Phase 1 clinical trials of new anti-cancer targeted therapies, Grant
Clinical Research Project?: Yes

Funding Sources:

2008/3 - 2013/2 National Institutes of Health (NIH) (USA)
U01 Program Grant - U01 CA70095
Total Funding - 2,950,000 (United States dollar)
Funding Competitive?: Yes

Principal Investigator : Carducci, Michael

2009/10 - 2012/9
Co-investigator

Phase II single-arm trial comparing the use of FLT PET to standard computed tomography to assess the treatment response of neoadjuvant docetaxel and cisplatin in stage IB-IIIa resectable NSCLC
Clinical Research Project?: Yes

Funding Sources:

2009/10 - 2012/9 National Institutes of Health (NIH) (USA)
Molecular Imaging Group and ARRA - N01-CM-27018
Total Funding - 1,219,480 (United States dollar)
Funding Competitive?: Yes

Principal Investigator : Wahl, Richard

2008/8 - 2012/7
Co-investigator

CHFR Methylation for Predicting Taxane Sensitivity in Lung and Esophageal Cancer, Grant, Operating
Clinical Research Project?: Yes
Project Description: These studies, for both neoadjuvant and palliative treatments, will determine the clinical utility of CHFR methylation to predict sensitivity of lung and esophageal cancer to taxanes.

Funding Sources:

2008/8 - 2012/7 National Institutes of Health (NIH) (USA)
R33 CA127055-02
Total Funding - 660,000 (United States dollar)
Funding Competitive?: Yes

Principal Investigator : Herman, James

2007/7 - 2012/7 Targeting Epigenetic Changes in Metastatic Lung Cancer, Grant, Operating
Principal Investigator Clinical Research Project?: Yes
Project Description: The major goal of this research proposal is to test the efficacy of
combined epigenetic targeting in patients with advanced, recurrent NSCLC using 5AC and
MS-275

Funding Sources:

2007/7 - 2012/6 Flight Attendant Medical Research Institute
Young Clinician Scientist Award
Total Funding - 500,000 (United States dollar)
Funding Competitive?: Yes

Principal Investigator : Rosalyn Juergens

2009/1 - 2010/12 Phase II Study of TAS-106 in Patients with Recurrent or Metastatic Head and Neck
Principal Investigator Cancer Refractory to Platinum Based Chemotherapy, Contract

Funding Sources:

2009/1 - 2010/12 Taiho Pharmaceutical Co., Ltd.
TAS 106
Total Funding - 254,094 (Canadian dollar)
Funding Competitive?: No

Principal Investigator : Rosalyn Juergens

2006/1 - 2010/12 Phase II Study in Operable Adenocarcinoma of the Esophagus to Measure Response
Principal Investigator Rate and Toxicity of Preoperative Combined Modality Paclitaxel, Cisplatin , ZD1839, and
XRT Followed by Postop ZD1839, Contract

Funding Sources:

2006/1 - 2010/12 Astra Zeneca / US
Astra Zeneca Unsolicited Letter of Intent and Proposal
Total Funding - 250,000 (Canadian dollar)
Funding Competitive?: No

Principal Investigator : Rosalyn Juergens

2008/11 - 2010/10 A Phase I Dose-escalation Study of OSI-906 and Erlotinib in Patients with Advanced Solid
Principal Investigator Tumors, Contract

Funding Sources:

2008/11 - 2010/10 OSI Pharmaceuticals, Inc.
Phase I Clinical Trial with OSI
Total Funding - 320,912 (Canadian dollar)
Funding Competitive?: No

Principal Investigator : Rosalyn Juergens

2008/7 - 2010/7 Epigenetics in Lung Cancer, Fellowship
Principal Investigator

Funding Sources:

2008/7 - 2010/7 National Cancer Institute (USA)
 Lung Cancer SPORE Career Development Awardee
 Total Funding - 177,290 (United States dollar)
 Funding Competitive?: Yes

2005/7 - 2010/6 Epigenetics in Lung Cancer

Principal Investigator

Funding Sources:

2005/7 - 2010/6 National Institutes of Health (NIH) (USA)
 NIH Loan Repayment Grant Program
 Total Funding - 240,000 (United States dollar)
 Funding Competitive?: Yes

Principal Investigator : Rosalyn Juergens

2007/5 - 2010/4

Co-investigator

Phase I/II Study of MS-275 and 5-Azacytidine in Patients with Advanced Non-Small Cell Lung Cancer, Grant, Operating
 Clinical Research Project?: Yes

Project Description: The major goal of this research proposal is to assess the safety, tolerability, pharmacokinetics, and efficacy of MS-275 and 5-Azacytidine in lung cancer patients.

Funding Sources:

2007/5 - 2010/4 National Institutes of Health (NIH) (USA)
 R21 - 1R21 CA126265-01A1
 Total Funding - 500,000 (United States dollar)
 Funding Competitive?: Yes

Principal Investigator : Rudin, Charles

[n=]

2024/1 - 2025/12 , Grant

Courses Taught

2014/07/02 -
 2016/06/01

Supervisor, Oncology, McMaster University
 Course Title: Interviewing, Examination, and Reasoning (half day)
 Number of Students: 5
 Lecture Hours Per Week: 5

Student/Postdoctoral Supervision**Post-doctorate [n=13]**

Co-Supervisor

Safwan Baksh (In Progress) , McMaster University
 Student Degree Start Date: 2018/9
 Project Description: Supervision of writing up case report in ALK + NSCLC

Co-Supervisor	Aziz Abdul Al Farsi (Completed) , McMaster University Student Degree Start Date: 2015/7 Student Degree Received Date: 2017/6 Project Description: Co mentoring during Lung Cancer Clinical Fellowship Member of Masters of Health Sciences Thesis Committee
2021/7 - 2023/6 Principal Supervisor	Yuchen Li, McMaster University Thesis/Project Title: Quality improvement in clinical trials conduct Present Position: Medical Oncology Resident
2020/7 Principal Supervisor	Courtney Coschi, McMaster University Thesis/Project Title: Impact of translocation panel testing for never smokers with lung cancer in Hamilton, Ontario Present Position: Medical Oncology Resident
2018/10 - 2022/6 Principal Supervisor	Michaela Febbraro (Completed) , McMaster University Student Degree Start Date: 2018/10 Student Degree Received Date: 2022/6 Thesis/Project Title: Implementation of clinical trials in rural Ontario Project Description: Supervision of Longitudinal Clinic Present Position: Medical Oncology Resident / Fellow
2018/7 - 2020/6 Co-Supervisor	Samah AlRehaily (In Progress) , McMaster University Student Degree Start Date: 2018/7 Thesis/Project Title: Immunotherapy in Stage III NSCLC Project Description: Evaluation of appropriate use of octreotide scans in LHIN 4 Ontario Co-supervision of clinical fellowship Present Position: Clinical Fellow
2017/7 - 2019/1 Co-Supervisor	Ying Wang (In Progress) , McMaster University Student Degree Start Date: 2017/7 Thesis/Project Title: Implementation of PD-L1 testing in Hamilton, Ontario including validation of cytology for assessment of PD-L1 status Project Description: Biomarker assessment in immunotherapy in NSCLC Present Position: Assistant Professor
2016/7 - 2017/6 Co-Supervisor	Mohammed Al-Garni (Completed) , McMaster University Student Degree Start Date: 2016/7 Student Degree Received Date: 2017/6 Thesis/Project Title: Clinical fellowship in GI malignancies Project Description: Clinical fellowship co-supervisor Present Position: Assistant Professor - Saudi Arabia
2014/10 - 2015/6 Principal Supervisor	Paul Barnfield (Completed) , McMaster University Student Degree Start Date: 2014/7 Student Degree Received Date: 2016/6 Thesis/Project Title: Next generation sequencing in non-small cell lung cancer Project Description: Economic analysis of multiplex testing in comparison to individual molecular testing in non-squamous non-small cell lung cancer Present Position: Assistant Professor
2012/10 - 2013/6 Principal Supervisor	Brian Healy (Completed) , McMaster University Student Degree Start Date: 2013/7 Student Canadian Residency Status: Canadian Citizen Project Description: Medical Oncology Longitudinal Clinic Supervision

2011/9 - 2012/11 Principal Supervisor	Vandermeer Rachel (Completed) , McMaster University Student Degree Start Date: 2012/4 Student Degree Received Date: 2013/6 Student Canadian Residency Status: Canadian Citizen Thesis/Project Title: Clinical supervisor for lung and esophageal cancer. Project on management of locally advanced esophageal cancer. Project Description: Randomized Trial of Chemotherapy followed by brachytherapy versus combined chemoradiotherapy in resectable esophageal cancer Present Position: Adjunct Assistant Professor
2009/9 - 2011/6 Co-Supervisor	Roisin Connolly, (Completed) , Johns Hopkins Univ. Student Degree Start Date: 2009/7 Student Canadian Residency Status: Not Applicable Project Description: Double Epigenetic Therapy in Breast Cancer Present Position: Assistant Professor
2009/7 - 2011/6 Co-Supervisor	John Wrangle (Completed) , Johns Hopkins Univ. Student Degree Start Date: 2009/7 Student Canadian Residency Status: Not Applicable Project Description: CHFR directed therapy in esophageal cancer Present Position: Fellow

Staff Supervision

Mentoring Activities

2015/1	Internal Medicine Resident Mentor, McMaster University Number of Mentorees: 1
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Journal Review Activities

	Reviewer, The Open Clinical Cancer Journal Number of Works Reviewed / Refereed: 1
	Reviewer, Clinical Cancer Research Number of Works Reviewed / Refereed: 1
	Reviewer, Asian Pacific Journal of Oncology Number of Works Reviewed / Refereed: 1
2011/9	Reviewer, Cancer Biology and Therapy Number of Works Reviewed / Refereed: 1
2010/8	Reviewer, British Journal of Oncology Number of Works Reviewed / Refereed: 2
2009/6	Reviewer, Biomed Central - Cancer Number of Works Reviewed / Refereed: 1
2009/2	Reviewer, Journal of Clinical Oncology Number of Works Reviewed / Refereed: 2
2007/11 - 2011/12	Reviewer, Annals of Surgical Oncology Number of Works Reviewed / Refereed: 4

2007/1 - 2009/3 Reviewer, American Journal of Medicine
Number of Works Reviewed / Refereed: 2

Conference Review Activities

2013/2 - 2013/4 Abstract Reviewer, 8th Annual Ontario Thoracic Cancer Conference, Blind, McMaster University
Number of Works Reviewed / Refereed: 26

Research Funding Application Assessment Activities

2013/5 - 2013/5 Committee Member, Juravinski Cancer Centre Foundation Spring Grant Review Panel, Funder, Academic Reviewer, Juravinski Cancer Centre Foundation
Number of Applications Assessed: 6

2009/6 - 2009/7 Committee Member, Department of Defense Grant Review Study Section, Funder, Academic Reviewer, Department of Defense
Number of Applications Assessed: 4

Event Participation

Invited Speaker, Shanghai Oriental Respiratory Forum, Conference, 2008/12 - 2008/12

Invited Speaker, 8th Annual Ontario Thoracic Cancer Conference, Conference, 2013/4 - 2013/4

Attendee, 10th Annual Targeted Therapies in the Treatment of Lung Cancer, Conference, 2010/2 - 2010/2
Overview of all agents in development for treatment of lung cancer

Attendee, New Investigator Workshop, Workshop, 2011/11 - 2011/11

Oral and poster presenter, Johns Hopkins Workshop on Clinical Targeting of Epigenetic Changes in Cancer Therapeutics, Workshop, 2011/1 - 2011/1

Invited Speaker, 13th Annual Targeted Therapies in the Treatment of Lung Cancer, Conference, 2013/2 - 2013/2

Attendee, Accelerating Anticancer Agent Development and Validation Workshop, Workshop, 2009/6 - 2009/6
Intensive and interactive workshop in how to design effective strategies- from clinical trial initiatives, to enabling trials, to pivotal efficacy trials - leading to the development of new anticancer and prevention agents.

Invited Speaker, 12th Annual Targeted Therapies in the Treatment of Lung Cancer, Conference, 2012/2 - 2012/2

Attendee, Johns Hopkins Workshop on Clinical Targeting of Epigenetic Changes in Cancer Therapeutics, Workshop, 2007/1 - 2007/1

Invited Speaker, 11th Annual Targeted Therapies in the Treatment of Lung Cancer, Conference, 2011/2 - 2011/2

Community and Volunteer Activities

2018/10 Physician Champion for Illuminight, Hamilton Health Sciences Corporation
Physician Champion for Fundraising Event

2017/11	Speaker at Lung Cancer Patient Forum, Lung Cancer Canada
2017/11	Patient / Caregiver Education Speaker, Wellwood
2016/11	Speaker at Lung Cancer Patient and Caregiver Summit, Lung Cancer Canada
2016/6	Executive Board Member, Lung Cancer Canada
2016/6	Chair of the Medical Advisory Committee, Lung Cancer Canada I have been invited to be a member of the Lung Cancer Canada Medical Advisory Panel
2014/6	Co-chair of Program Committee, Lung Cancer Canada 1) Develop and manage programs, projects and events; 2) Develop and manage the publication and distribution of newsletters, information sheets and other publications;

International Collaboration Activities

2011/1	Collaborator, United States of America Ongoing collaboration with epigenetic research projects on AACR Stand Up to Cancer Grant
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Committee Memberships

2018/3	Committee Member, Esophageal Diagnostic Pathway Panel, Cancer Care Ontario
2017/9	Committee Member, Clinical Accelerator Scientific Leadership Committee, Cancer Research Institute
2017/3	Chair, Department of Clinical Trials Executive Committee, Juravinski Cancer Centre
2016/6	Chair, Medical Advisory Committee, Lung Cancer Canada, Lung Cancer Canada
2015/7	Committee Member, Medical Oncology Residency Education Committee, Juravinski Cancer Centre
2015/6	Committee Member, Disease Site Team Council, Juravinski Cancer Centre
2013/2	Chair, Lung Disease Site Team, Juravinski Cancer Centre
2011/1 - 2016/12	Committee Member, Translational Research Team - Management Committee, McMaster University
2009/7 - 2010/12	Committee Member, Johns Hopkins SKCC Education Committee, Johns Hopkins University
2009/7 - 2010/12	Co-chair, Visiting Professor Committee, Johns Hopkins University
2007/7 - 2010/12	Committee Member, U01 Internal Committee Member, Johns Hopkins University
2005/7 - 2010/12	Committee Member, Oncology Fellowship Advisory Committee, Johns Hopkins University
2004/7 - 2010/12	Committee Member, Oncology Critical Care Committee, Johns Hopkins Medical Institutions
2006/7 - 2007/12	Committee Member, Oncology Outpatient Department Advisory Committee, Johns Hopkins University
2003/7 - 2004/6	Committee Member, Core Committee on Physician Order Entry, Johns Hopkins University Role: Oncology fellowship representative
2002/7 - 2003/6	Committee Member, Performance Improvement Committee, Johns Hopkins Hospital

2002/ - 2003/	Committee Member, Steering Committee for Computerized Clinical Information Systems, Johns Hopkins Hospital Role: Medicine Residency Program Representative
2001/ - 2003/	Committee Member, Johns Hopkins Hospital Laboratory Advisory Committee, Johns Hopkins Hospital Role: Medicine Residency Program Representative

Other Memberships

2011/9	Core Member, Escarpment Cancer Research Institute
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Presentations

1. (2020). Update on ATL-001. International Association for the Study of Lung Cancer: Targeted Therapy in Lung Cancer Meeting, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No
2. (2020). Strategies for Treating Patients with Resistance to Immunotherapy. American Society of Clinical Oncology Annual Education Meeting, United States of America
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
3. Matthew Hellman and Solange Peters. (2018). The New Era of Immune Therapy in Lung Cancer. World Congress on Lung Cancer, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
4. (2018). Immune Checkpoint and Chemotherapy Combinations. World Congress on Lung Cancer, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
5. (2018). New Era in Management of NSCLC. Employers Cancer Care Conference, Toronto, Canada
Main Audience: General Public
Invited?: Yes
6. (2018). From Bedside to Bench and Back: The Story of Immunotherapy in Oncology. Juravinski Cancer Centre Student Research Day, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes
7. (2018). Update on Immunotherapy in Lung Cancer. Immuno-Oncology Summit, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
8. (2018). Recognition and Management of Immuno-oncology Toxicities. Canadian Cancer Trials Group, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
9. (2018). First Line Immunotherapy in Non-Small Cell Lung Cancer. World Congress on Lung Cancer, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No

10. (2018). Patients and Physicians as Partners. Department of Oncology Student Research Day, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
11. (2018). First Line Immunotherapy in Lung Cancer. Best of Lung Cancer, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
12. (2017). Impact of Molecular testing in NSCLC. Precision Medicine Workshop, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
13. (2017). Biomarkers to Guide Immuno-oncology Use. Immuno-oncology Summit, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
14. (2017). Pseudoprogression in Immuno-oncology. National Consensus Meeting, Ottawa, Canada
Main Audience: Knowledge User
Invited?: Yes
15. (2017). PD-L1 Inhibition in Non-Small Cell Lung Cancer. World Congress on Lung Cancer, Vienna, Austria
Main Audience: Knowledge User
Invited?: Yes
16. (2017). Recognition and Management of Immuno-oncology Toxicities. C17 Annual Meeting, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes
17. (2017). Innovations in Lung Cancer Treatments and Access to Therapies. Lung Cancer Canada Stakeholder Briefing, Vancouver, Canada
Main Audience: Decision Maker
Invited?: Yes
18. (2017). Immuno-oncology in Lung Cancer. Immuno-oncology Summit, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
19. (2017). Systemic Therapy in NSCLC - A New Hope. Lung Cancer Canada Patient Summit, Vancouver, Canada
Main Audience: General Public
Invited?: Yes
20. (2017). Immuno-oncology in GI Cancers. Immuno-oncology Summit, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
21. (2017). Management of Stage III NSCLC. Health Canada Presentation, Ottawa, Canada
Main Audience: Decision Maker
Invited?: Yes
22. Ellis, P. (2016). Developments in immuno-oncology: What does an internist need to know about releasing the brakes in the immune system?. McMaster University Internal Medicine Grand Rounds, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes

23. (2016). Immunotherapy in Lung Cancer. British Columbia Cancer Agency Province Wide Rounds, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes
24. (2016). Immunotherapy in Cancer. St. Michael's Annual Oncology Lectureship, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
25. (2016). Basics in Immuno-Oncology for GI Malignancies. 5th Multidisciplinary Annual Gastrointestinal Cancer Update, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
26. (2016). Immunotherapy in Cancer. Juravinski Hospital and Cancer Centre Oncology Inpatient Ward Education Day, Hamilton, Canada
Main Audience: General Public
Invited?: Yes
27. (2016). Update on Lung Cancer. Canadian Conference on Community Oncology, Whistler, Canada
Main Audience: Knowledge User
28. (2016). From Medical School to Oncology: The Long and Winding Road. Student Research Day, Winnipeg, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: Yes
29. (2016). Management of Gastric Cancer. Grand River Cancer Centre Regional Oncology Rounds, Kitchener, Canada
Main Audience: Knowledge User
Invited?: Yes
30. (2016). Biology of Stem Cells in Lung Cancer. 15th Annual Targeted Therapies of the Treatment of Lung Cancer., Santa Monica, United States of America
Main Audience: Researcher
Invited?: Yes
31. (2016). ASCO Lung Cancer Update. Regional Oncology Rounds, Hamilton, Canada
Main Audience: Knowledge User
32. (2016). Pathology Implications of Recent Treatment Advances in NSCLC. Hamilton Regional Pathology Meeting, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
33. (2016). Immunotherapy in Lung Cancer. Oncology Grand Rounds, Halifax, Canada
Main Audience: Knowledge User
34. (2016). Immunotherapy in GI Malignancies. LHIN 4 GI Symposium, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
35. Garth Nicholas, John Goffin, Scott Andrew Laurie, Andrew Robinson, Glenwood Goss, Neil Reaume, Mihaela Mates, Paul Wheatley-Price, Peter Ellis, Anna Tomiak, Richard Gregg. (2016). A phase Ib study of selumetinib in patients with previously untreated advanced/metastatic NSCLC who are receiving standard chemotherapy regimen: trial IND215 of the NCIC Clinical Trials Group. ASCO, Chicago, United States of America
Main Audience: Researcher
Invited?: Yes, Competitive?: Yes

36. (2016). Immunotherapy in Lung Cancer Cancer Care. Manitoba Provincial Oncology Rounds, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes
37. (2016). DNA Repair and Epigenetics in Cancer. Molecular Oncology for REsidents (MORE) Retreat, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
38. (2016). Immunotherapy in Lung Cancer. AMHOQ Annual Meeting, Quebec, Canada
Main Audience: Knowledge User
Invited?: Yes
39. (2016). Systemic Therapy in Gastric Cancer. Canadian Conference on Community Oncology, Whistler, Canada
Main Audience: Knowledge User
40. (2016). Immunotherapy in Lung Cancer. Cancer Care Manitoba Provincial Oncology Rounds, Winnipeg, Canada
Main Audience: Knowledge User
Invited?: Yes
41. (2016). Immunotherapy in Cancer. Central LHIN Humber River Oncology Nursing Day, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
42. (2016). Pulmonary Adenocarcinomas: An Update. Cancer Care Ontario Fall Webinar, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
43. (2016). Lung Cancer: Recent Advances, Practical Information and Recommendations. Immuno-Oncology Update, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
44. (2016). Immunotherapy in Lung Cancer Canadian Oncology Resident Education (CORE). Canadian Lung Cancer Conference, Canada
Main Audience: Knowledge User
45. (2015). Immunotherapy in Lung Cancer. Juravinski Cancer Centre Regional Oncology Rounds, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
46. (2015). Immunotherapy in Lung Cancer, Where are we now?. Canadian Lung Cancer Conference, Vancouver, Canada
Main Audience: Knowledge User
Invited?: Yes
47. (2015). Immunotherapy in Lung Cancer. Oncology Grand Rounds - Grand River Regional Cancer Centre, Kitchener, Canada
Main Audience: Knowledge User
48. (2015). Basics in Immuno-Oncology: From Bench to Bedside. Atlantic Canada Immuno-Oncology Symposium, Moncton, Canada
Main Audience: Knowledge User
Invited?: Yes

49. (2015). Chair of New Kinase Targets Session. World Conference on Lung Cancer, Denver, United States of America
Main Audience: Researcher
Invited?: Yes
50. (2015). Lung Cancer Immunotherapy. The Landscape in Canada Best of Lung Cancer Symposium, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
51. (2015). Immunotherapy in Lung Cancer. Canadian Cancer Research Conference, Montreal, Canada
Main Audience: Knowledge User
52. (2015). Future of Immunotherapy in Lung Cancer. Canadian Lung Cancer Conference, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
53. (2015). Chair of ALK and HSP90 Session on Targeted Therapies in Lung Cancer 15th Annual Targeted Therapies in the Treatment of Lung Cancer. 15th Annual Targeted Therapies in the Treatment of Lung Cancer, Santa Monica, United States of America
Main Audience: Researcher
Invited?: Yes
54. (2015). Immunotherapy: A new pillar of cancer treatment. Canadian Oncology Advocacy Meeting, Montreal, Canada
Main Audience: Knowledge User
Invited?: Yes
55. (2015). Immunotherapy in Lung Cancer. Ontario Thoracic Cancer Conference, Niagara-on-the-lake, Canada
Main Audience: Knowledge User
Invited?: Yes
56. Massey, N. (2015). Targeting the PD-1 / PD-L1 Axis: How Immunotherapies are Changing the Treatment of Non-Small Cell Lung Cancer. Canadian Association of Nursing in Oncology Annual Meeting, Toronto, Canada
Main Audience: Knowledge User
Invited?: Yes
57. (2014). Insulin-like growth factor inhibitors in lung cancer therapy. 14th Annual Targeted Therapies of the Treatment of Lung Cancer, Santa Monica, United States of America
Main Audience: Researcher
Invited?: Yes
58. (2014). Epigenetic Therapy in Lung Cancer. 14th Annual Targeted Therapies in the Treatment of Lung Cancer, Santa Monica, United States of America
Main Audience: Researcher
Invited?: Yes
59. (2014). Double Epigenetic Therapy. 14th Annual Targeted Therapies of the Treatment of Lung Cancer, Santa Monica, United States of America
Main Audience: Researcher
Invited?: Yes
60. (2014). Update on Lung Cancer. Juravinski Cancer Centre Chemotherapy Suite Nurses Education Rounds, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes

61. (2014). Chemoradiation in esophageal cancer. Regional Oncology Rounds, Juravinski Cancer Centre, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
62. (2014). OSI-906 in Lung Cancer. 14th Annual Targeted Therapies in the Treatment of Lung Cancer, Santa Monica, United States of America
Main Audience: Researcher
Invited?: Yes
63. (2013). Targeted Therapies in Squamous Non-Small Cell Lung Cancer. 8th Annual Ontario Thoracic Cancer Conference, Niagara-on-the-Lake, Canada
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
64. (2013). Novel Therapies for Squamous Cell Lung Cancer. 8th Annual Ontario Thoracic Cancer Conference, Niagara-on-the-lake, Canada
Main Audience: Knowledge User
Invited?: Yes
65. Jonathan Bramson, PhD. (2012). Harnessing the Immune System in Cancer Treatment. Demystifying Medicine, McMaster University, Hamilton, Canada
Main Audience: Knowledge User
Invited?: Yes
66. (2011). Analysis of a Phase II trial of 5-azacitidine(5AC) and entinostat (SNDX-275) in relapsed advanced lung cancer.5th Biennial Workshop on the Clinical Translation of Epigenetics in Cancer Therapy., San Diego, CA, United States of America
Main Audience: Researcher
Invited?: Yes, Keynote?: No

Broadcast Interviews

- | | |
|------------|---|
| 2017/11/12 | Lung Cancer in Never Smokers, The National, CTV |
| 2017/01/17 | Immunotherapy in Cancer, Hamilton Spectator |

Publications

Journal Articles

1. Rupp M, Fanton-Aita F, Snow S, Wheatley-Price P, Melosky B, Juergens RA, Chu Q, Blais N, Banerji S, Ng R, Khoudigian S, Sharma A, On PV, Liu G. (2023). Lorlatinib Effectiveness and Quality-of-Life in Patients with ALK-Positive NSCLC Who Had Failed Second-Generation ALK Inhibitors: Canadian Real-World Experience.Curr Oncol.30(7): 6559-6574.
<http://dx.doi.org/10.3390/currncol30070481>.
Co-Author
Published,
Refereed?: Yes, Open Access?: No
2. Melosky BL, Leighl NB, Dawe D, Blais N, Wheatley-Price PF, Chu QS, Juergens RA, Ellis PM, Sun A, Schellenberg D, Ionescu DN, Cheema PK. (2023). Canadian Consensus Recommendations on the Management of Extensive-Stage Small-Cell Lung Cancer.Curr Oncol.30(7): 6289-6315.
<http://dx.doi.org/10.3390/currncol30070465>.
Published,
Refereed?: Yes, Open Access?: No

3. Coschi CH, Juergens RA. (2023). Overcoming Resistance Mechanisms to Immune Checkpoint Inhibitors: Leveraging the Anti-Tumor Immune Response. *Curr Oncol*.31(1): 1-23.
<http://dx.doi.org/10.3390/curroncol31010001>
 Last Author
 Published,
 Refereed?: Yes, Open Access?: No
 Number of Contributors: 2
4. Esfahanian N, Chan SWS, Zhan LJ, Brown MC, Khan K, Lee J, Balaratnam K, Yan E, Parker J, Garcia-Pardo M, Barghout SH, Eng L, Bradbury PA, Shepherd FA, Leighl NB, Sacher AG, Snow S, Juergens R, Liu G. (2023). Presentation and outcomes of KRASG12C mutant non-small cell lung cancer patients with stage IV disease at diagnosis (de novo) versus at recurrence. *Presentation and outcomes of KRASG12C mutant non-small cell lung cancer patients with stage IV disease at diagnosis (de novo) versus at recurrence*.37(100774)
<http://dx.doi.org/10.1016/j.ctarc.2023.100774>
 Co-Author
 Published,
 Refereed?: Yes, Open Access?: No
 Number of Contributors: 19
5. Febbraro M, Kazemi G, Juergens R, Pond GR. (2023). Trainee Evaluations of Preparedness for Clinical Trials in Medical Oncology-A National Questionnaire. *Curr Oncol*.30(8): 7627-7637.
<http://dx.doi.org/10.3390/curroncol30080553>
 Co-Author
 Published,
 Refereed?: Yes, Open Access?: No
6. Anagnostou V, Ho C, Nicholas G, Juergens RA, Sacher A, Fung AS, Wheatley-Price P, Laurie SA, Levy B, Brahmer JR, Balan A, Niknafs N, Avrutin E, Zhu L, Sausen M, Bradbury PA, O'Donnell-Tormey J, Gaudreau PO, Ding K, Dancey J. (2023). ctDNA response after pembrolizumab in non-small cell lung cancer: phase 2 adaptive trial results. *Nat Med*.29(10): 2559-2569..
<http://dx.doi.org/10.1038/s41591-023-02598-9>
 Published,
 Refereed?: Yes, Open Access?: No
7. Catenacci DV, Kang YK, Uronis HE, Lee KW, Ng MC, Enzinger PC, Park SH, Gold PJ, Lacy J, Hochster HS, Oh SC, Kim YH, Marrone KA, Kelly RJ, Juergens RA, Kim JG, Alcindor T, Sym SJ, Song EK, Chee CE, Chao Y, Kim S, Oh DY, Yen J, Odegaard JI, Lagow E, Li D, Sun J, Kaminker P, Moore PA, Rosales MK, Park H. (2023). Circulating Tumor DNA as a Predictive Biomarker for Clinical Outcomes With Margetuximab and Pembrolizumab in Pretreated HER2-Positive Gastric/ Gastroesophageal Adenocarcinoma. *Oncology*. 37(4): 176-183..
<http://dx.doi.org/10.46883/2023.25920992>
 Co-Author
 Published, Williston Park,
 Refereed?: Yes, Open Access?: No
8. Chan SWS, Shukla R, Ramsay J, McWhirter E, Barnfield P, Juergens RA. (2023). Immune-Checkpoint Induced Skin Toxicity Masked as Squamous Cell Carcinoma: Case Report on Mimickers of Dermatological Toxicity with PD-1 Inhibition. *Curr Oncol*.30(5): 4527-4537.
<http://dx.doi.org/10.3390/curroncol30050342>
 Last Author
 Published,
 Refereed?: Yes, Open Access?: No

9. Sayeda S, Naqvi A, Begum H, Juergens RA, Finley C, Coschi CH, Cutz JC, Bonert M. (2023). Prevalence of Thyroid Transcription Factor-1 (TTF-1)-Negative Small Cell Carcinoma and Napsin A Positivity in Small Cell Carcinoma in a Cross-Sectional Study of Lung Core Biopsies.Cureus. 15(4): e37015.
<http://dx.doi.org/10.7759/cureus.37015>
Co-Author
Published,
Refereed?: Yes, Open Access?: No
10. Cheema PK, Banerji SO, Blais N, Chu QS, Juergens RA, Leighl NB, Sacher A, Sheffield BS, Snow S, Vincent M, Wheatley-Price PF, Yip S, Melosky BL. (2023). Canadian Consensus Recommendations on the Management of KRAS G12C-Mutated NSCLC.Curr Oncol.30(7): 6473-6496.
<http://dx.doi.org/10.3390/curroncol30070476>.
Co-Author
Published,
Refereed?: Yes, Open Access?: No
11. Li Y, Juergens RA, Finley C, Swaminath A. (2023). Current and Future Treatment Options in the Management of Stage III NSCLC.J Thorac Oncol.18(11): 1478-1491.
<http://dx.doi.org/10.1016/j.jtho.2023.08.011>.
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Editors: J. West
- [9.](#) Co-Author. D. Ettinger, J. West, R.A. Juergens. Today’s Patient in Non–Small-Cell Lung Cancer: Does Histology Make A Difference? An Interactive E-Platform Featuring Patient Simulations. (2010).
Number of Contributors: 3
Editors: D. Ettinger
Description / Contribution Value: An Interactive E-Platform Featuring Patient Simulations
- [10.](#) Last Author. Daniel Laheru, MD; Anthony Boutros El-Khoueiry, MD; Nilofer Azad, MD; Rosalyn Juergens, MD. Expert Perspectives: GI Cancers Update, 2010. (2010).
Number of Contributors: 4
Editors: D. Laheru

Conference Publications

1. Antonia SJ, Gettinger SN, Goldman J, Brahmer J, Borghaei H, Chow LQ, Ready NE, Gerber DE, Juergens R, Shepherd F, Laurie SA, Young T, Geese WJ, Agrawal S, Li X, Hellmann MD. CheckMate 012: Safety and Efficacy of First-Line Nivolumab and Ipilimumab in Advanced NSCLC. IASLC 2016 Chicago Multidisciplinary Symposium in Thoracic Oncology., Chicago, United States of America, Poster
Refereed?: Yes, Invited?: No
2. Dimas Yusuf, Jenny J. Ko, Hyokeun Cho, Corey Sheremeto, Ying Wang, Rosalyn A. Juergens, Peter Michael Ellis, Alkarim Billawala, Amin Kay, Swati Kulkarni, Tarek A. Elfiki, Rasna Gupta, Krista Naccarato, Alex Pennetti, Devalben Patel, Elliot Charles Smith, Ryan Walton, Manjusha Hurry, Geoffrey Liu, Winson Y. Cheung. Real-world outcomes for metastatic non-small cell lung cancer patients treated with checkpoint inhibitor immunotherapy in Canada. American Society of Clinical Oncology / Society for Immunotherapy in Cancer Meeting., Orlando, United States of America, Conference Date: 2020/2
Poster
Refereed?: Yes, Invited?: No
3. Jason Agulnik, Jennifer H. Law, Rosalyn Juergens, Janessa Laskin, Scott Laurie, Desiree Hao, Doreen Ezeife, Lisa Le, Lesli A. Kiedrowski, Richard B. Lanman, Natasha Leighl. Defining VALUE: Routine liquid biopsy in NSCLC diagnosis - a Canadian trial in progress. AACR Special Conference on Advances in Liquid Biopsies., Miami, United States of America, Conference Date: 2020/1
Poster
Refereed?: Yes, Invited?: No
4. Michael Bonert, Asghar Naqvi, Christian Finley, Rosalyn Juergens, Phillip Williams, Pierre Major, Anil Kapoor. Communication with pathology evaluated via the pathology requisition using 396,033 pathology reports. European Congress of Pathology., Nice, France, Conference Date: 2019/9
Abstract
Refereed?: Yes, Invited?: No

5. R. Wong, D. Laidley, S. D. Myrehaug, J. Brierley, R. Juergens, I. W. T. Yeung, S. Breen, B. Driscoll, A. Shessel, T. Farncombe, K. Zukotynski, R. Stodilka, C. B. Caldwell, Z. Liu, J. Valliant, J. McCann, U. Metser, R. Mohan, J. M. Beauregard, and D. A. Jaffray. Quantifying Renal And Tumor Doses With Individualized Dosimetry In 177Lu DOTATATE Therapy – What Difference Does It Make?. American Society for Radiation Oncology., Chicago, United States of America,
Conference Date: 2019/9
Poster
Refereed?: Yes, Invited?: No

6. Rosalyn Anne Juergens, Peter M Ellis, Dongsheng Tu, Desiree Hao, Scott A Laurie, Mihaela Mates, Glenwood D. Goss, John Goffin, Penelope A Bradbury, Mustapha Tehfe, Christian Kollmansberger, Pamela Brown-Walker, Martin Smoragiewicz, Ming Sound Tsao, Lesley Seymour. Platinum Doublet + Durvalumab +/- Tremelimumab in Patients with Advanced NSCLC: A CCTG Phase IB Study - IND.226. World Congress on Lung Cancer, Barcelona, Spain,
Conference Date: 2019/9
Abstract
Refereed?: Yes, Invited?: No

7. Arani Sathiyapalan, Ying Wang, , Martin Butcher, Asghar Naqvi, Jean-Claude Cutz, Rosalyn Anne Juergens. Updated Analysis of Outcomes by Histology vs Cytology PD-L1 22C3 Antibody Testing in Advanced Non-Small Cell Lung Cancer. World Congress on Lung Cancer, Barcelona, Spain,
Conference Date: 2019/9
Poster
Refereed?: Yes, Invited?: No

8. Michael Bonert, Jean-Claude Cutz, Christian Finley, Ihab El-Shinnawy, Samih Salama, Gabriella Gohla, Salem Alowami, Dusan Lukic, Farnoosh Tayyari, Rosalyn Juergens, Asghar Naqvi. Visceral Pleural Invasion by Tumour Size, Cancer Type and Pathologist in 1,560 Resections. European Congress of Pathology, Nice, France,
Conference Date: 2019/9
Abstract
Refereed?: Yes, Invited?: No

9. D Hao; P M Ellis; S A Laurie; R A Juergens; M Mates; P A Bradbury; M Tsao; M Tehfe; C K Kollmannsberger; J R Goffin; P Wheatley-Price; J Hilton; A G Robinson; P Brown-Walker; D Tu; M Smoragiewicz; L K Seymour. Pharmacokinetic (PK) and updated survival data from the Canadian cancer trials group IND.226 study of durvalumab ± tremelimumab in combination with platinum-doublet chemotherapy. European Society of Medical Oncology Annual Meeting, Barcelona, Spain,
Conference Date: 2019/9
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Refereed?: Yes, Invited?: No

10. Rosalyn A. Juergens, Katherine A. Zukotynski, Daniel Juneau, Lily Krnezich, Ryan Simms, John Forbes, Eric S. Burak, John Valliant, Lauren Stafford, Thomas Armor, Istvan Molnar, Fred Saad. A phase I study of [225Ac]-FPI-1434 radioimmunotherapy in patients with IGF-1R expressing solid tumors. American Society of Clinical Oncology Annual Meeting, Chicago, United States of America,
Conference Date: 2019/6
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Refereed?: Yes, Invited?: No

11. Rosalyn A. Juergens, Quincy S. Chu, Daniel John Renouf, Scott Andrew Laurie, Daniela Purcea, Elaine McWhirter, Diane Arndt, Karen A. Gelmon, John Hilton, Bruno Gavillet, Peter Michael Ellis, Michael B. Sawyer, Christian K. Kollmannsberger, Natalie Andrews Wright, Elisabeth Rouits, Frank Brichory, Gregoire Vuagniaux, Sergio A. Szyldergemajn, Glenwood Goss. A dose-finding study of the SMAC mimetic Debio 1143 when given in combination with avelumab to patients with advanced solid malignancies. American Society of Clinical Oncology Annual Meeting, Chicago, United States of America,
Conference Date: 2019/6
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Refereed?: Yes, Invited?: No
12. Martin Früh, Osama E. Rahma, Russell K. Pachynski, Julien Mazières, Jerome Goldschmidt, Jr, Thanh G. N. Ton, Shivani K. Mhatre, Ching-Yi Chuo, Jorge Martinalbo, Jessica Davies, Rosalyn Juergens. Characteristics of Patients With Locally Advanced or Metastatic Non-Small Cell Lung Cancer Receiving Atezolizumab Monotherapy in US Clinical Practice. European Lung Cancer Conference., Geneva, Switzerland,
Conference Date: 2019/4
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Refereed?: Yes, Invited?: No
13. S Colomer-Lahiguera; D Bryant-Lukosius; S Rietkoetter; L Martelli; K Ribi; A Orcurto; R Juergens; M Eicher. The use of patient reported outcome (PRO) instruments in immune checkpoint inhibitor (ICI) therapy for cancer: A systematic review. European Society of Medical Oncology Annual Meeting., Munich, Germany,
Conference Date: 2018/10
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Refereed?: Yes, Invited?: No
14. Doreen Anuli Ezeife | Author(s): Jason S Agulnik, Rosalyn Juergens, Janessa Laskin, Scott A. Laurie, Lisa Le, Desiree Hao, Gwyn Bebb, Jennifer H Law, Stan Skrzypczak, Daniela Juri, Richard B Lanman, Natasha B Leighl. Achieving Value in Cancer Diagnostics: Blood Versus Tissue Molecular Profiling - A Prospective Canadian Study (VALUE). World Congress on Lung Cancer, Toronto, Canada,
Conference Date: 2018/9
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Refereed?: Yes, Invited?: No
15. Parneet Kaur Cheema, Geoffrey Liu, Ronald Burkes, Scott Owen, Joanne Yu, Desiree Hao, Jeffrey Rothenstein, Simon Martel, Mussawar Iqbal, Rosalyn Juergens, Wendy Lam, Janessa Laskin. Real-World Study of Osimertinib in EGFR T790M-Mutated Non-Small Cell Lung Cancer (NSCLC): ASTRIS Canadian Cohort Analysis. World Congress on Lung Cancer., Toronto, Canada,
Conference Date: 2018/9
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Refereed?: Yes, Invited?: No
16. Scott J Antonia, Scott N. Gettinger, Hossein Borghaei, Jonathan W. Goldman, Julie R. Brahmer, Neal E. Ready, David E Gerber, Laura Q Chow, Rosalyn Juergens, Scott A. Laurie, Frances A Shepherd, Xuemei Li, Ang Li, William J. Geese, Matthew D. Hellmann. Long-Term Outcomes with First-Line Nivolumab Plus Ipilimumab in Advanced NSCLC: 3-Year Follow-Up from CheckMate 012. World Congress on Lung Cancer., Toronto, Canada,
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Abstract
Refereed?: Yes, Invited?: No
17. Ying Wang, Martin Butcher, Asghar Naqvi, Jean-Claude Cutz, Rosalyn Juergens. Clinical Outcomes of Histology Versus Cytology PD-L1 22C3 Antibody Testing in Advanced Non-Small Cell Lung Cancer. World Congress on Lung Cancer., Toronto, Canada,
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18. 17. Rosalyn Juergens | Author(s): Martin Butcher, Asghar Naqvi, Jean-Claude Cutz, Michael Bonert.Optimization of PD-L1 Testing Specimen Flow in the Greater Hamilton, Ontario Region.World Congress on Lung Cancer, Toronto, Canada,
Conference Date: 2018/9
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Refereed?: Yes, Invited?: No
19. C. Fahim, J. Agzarian, W. Hanna, R. Juergens, Y. Shargall, M. Simunovic.High physician confidence does not predict rate or type of treatment change for cases discussed at a thoracic multidisciplinary cancer conference: A case series in a tertiary cancer center.European Lung Cancer Conference., Geneva, Switzerland,
Conference Date: 2018/4
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Refereed?: Yes, Invited?: No
20. R. Juergens, Q. Chu, J. Rothenstein, F. De Angelis, S. Banerji, K. Marquis, D. Sauciuc, P. Begin, N. Finn, V. Hirsh, A. Faghih, J. Yun, A. Li, A. Acevedo, L. Musallam, P. Cheema.CheckMate 169: Safety/Efficacy of Nivolumab in Canadian Pretreated Advanced NSCLC (including Elderly and PS 2) Patients.World Congress on Lung Cancer, Yokohama, Japan,
Conference Date: 2017/11
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Refereed?: Yes, Invited?: No
21. R. Juergens, D. Hao, S. Laurie, P. Ellis, M. Mates, P. Bradbury, M. Tehfe, C. Kollmannsberger, A. Arnold, J. Goffin, P. Wheatley-Price, J. Hilton, A. Robinson, D. Tu, P. Brown-Walker, L. Seymour.Durvalumab ± Tremelimumab with Platinum-Doublets in Non-Small Cell Lung Cancer: Canadian Cancer Trials Group Study IND.226.World Congress on Lung Cancer, Yokohama, Japan,
Conference Date: 2017/11
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Refereed?: Yes, Invited?: No
22. R. Juergens, M. Hellmann, J. Brahmer, H. Borghaei, S. Gettinger, L. Chow, D. Gerber, S. Laurie, J. Goldman, F. Shepherd, W. Geese, T. Young, X. Li, S. Antonia.First-Line Nivolumab plus Platinum-Based Doublet Chemotherapy for Advanced NSCLC: CheckMate 012 3-Year Update.World Congress on Lung Cancer, Yokohama, Japan,
Conference Date: 2017/11
Abstract
Refereed?: Yes, Invited?: No
23. Q.S-C. Chu; C. van Herpen; N.B. Leighl; B. Markman; S. Clarke; R.A. Juergens; P. Basciano; D. Lathers; S. Tannenbaum-Dvir; K. Urbanska; G. Kollia; C. Darby; D. Williams; G. Kolaitis; N. Ready.Initial results of BMS-986012, a first-in-class fucosyl-GM1 mAb, in combination with nivolumab, in pts with relapsed/ refractory (rel/ref) small-cell lung cancer (SCLC).European Society of Medical Oncology Annual Meeting., Madrid, Spain,
Conference Date: 2017/9
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24. Rosalyn Juergens, Desiree Hao, Scott Laurie, Mihaela Mates, Mustapha Tehfe, Penelope Bradbury, Christian Kollmannsberger, Peter Ellis, John Hilton, Pamela Brown-Walker, Lesley Seymour.Cisplatin/ Pemetrexed + Durvalumab +/- Tremelimumab in Pts with Advanced Non-Squamous NSCLC: A CCTG Phase IB Study - IND.226.World Congress on Lung Cancer, Vienna, Austria,
Conference Date: 2016/12
Abstract
Refereed?: Yes, Invited?: No

25. Scott Gettinger, Naiyer Rizvi, Laura Chow, Hossein Borghaei, Julie Brahmer, Frances Shepherd, Neal Ready, David Gerber, Scott Antonia, Jonathan W. Goldman, Rosalyn Juergens, William Geese, Tina Young, Xuemei Li, Matthew Hellmann..First-Line Nivolumab Monotherapy and Nivolumab plus Ipilimumab in Patients with Advanced NSCLC: Long-Term Outcomes from CheckMate 012.World Congress on Lung Cancer, Vienna, Austria,
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26. N.A. Rizvi, S.N. Gettinger, J.W. Goldman, M.D. Hellmann, L.Q. Chow, R. Juergens, H. Borghaei, J.R. Brahmer, Y. Shen, C. Harbison, F. Nathan, N. Ready, S.J. Antonia.Safety and Efficacy of First-Line Nivolumab (NIVO; Anti-Programmed Death-1 [PD-1]) and Ipilimumab in Non-Small Cell Lung Cancer (NSCLC).World Congress on Lung Cancer, Vienna, Austria,
Conference Date: 2016/12
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27. D. Hao, R. Juergens, S. A. Laurie, M. Mates, M. Tehfe, P. Bradbury, C. Kollmannsberger, P. Ellis, J. Hilton, P. Brown-Walker, L. Seymour.A Canadian Cancer Trials Group phase IB study of durvalumab with or without tremelimumab + standard platinum-doublet chemotherapy in patients with advanced, incurable solid malignancies (IND.226).EORTC-NCI-AACR Symposium, Munich, Germany,
Conference Date: 2016/11
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Refereed?: Yes, Invited?: No
28. M. Socinski, B. Creelan, L. Horn, M. Reck, L. Paz-Ares, M. Steins, E. Felip, M. van den Heuvel, T.E. Ciuleanu, F. Badin, N. Ready, J.N. Hiltermann, S. Nair, R. Juergens, S. Peters, E. Minenza, W.J. Geese, P. Bhagavatheeswaran, A. Chen, D.P. Carbone.CheckMate 026: A Phase 3 trial of nivolumab vs investigator's choice (IC) of platinum-based doublet chemotherapy (PT-DC) as first-line therapy for stage IV/recurrent programmed death ligand 1 (PD-L1)-positive NSCLC.European Society of Medical Oncology Annual Meeting, Copenhagen, Denmark,
Conference Date: 2016/10
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Refereed?: Yes, Invited?: No
29. Matthew David Hellmann, Scott N. Gettinger, Jonathan Wade Goldman, Julie R. Brahmer, Hossein Borghaei, Laura Q. Chow, Neal Ready, David E. Gerber, Rosalyn A. Juergens, Frances A. Shepherd, Scott Andrew Laurie, Ye Zhou, William J. Geese, Shruti Agrawal, Xuemei Li, and Scott Joseph Antonia. (2016). CheckMate 012: Safety and efficacy of first-line (1L) nivolumab (nivo; N) and ipilimumab (ipi; I) in advanced (adv) NSCLC. ASCO, Chicago, United States of America,
Conference Date: 2016/5
Abstract
Co-Author
Published
30. Naiyer Rizvi, Scott N. Gettinger, Jonathan Goldman, Matthew D. Hellmann, Laura Q. Chow, Rosalyn Juergens, Hossein Borghaei, Julie Brahmer, Yun Shen, Christopher Harbison, Faith Nathan, Neal E. Ready, Scott Antonia. (2015). Safety and efficacy of first?line nivolumab (NIVO; anti?programmed death-1 [PD?1]) and ipilimumab (IPI) in non-small cell lung cancer (NSCLC). ECCO, ,
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31. Rosalyn Juergens, Som Mukherjee, Sebastien Hotte, Hal Hirte, Elaine McWhirter, Anita Bane, Mark Levine, Karen Gulenchyn, John Valliant. (2015). Imaging the Insulin-Like Growth Factor Receptor 1 (IGF-1R): A First in Human Phase I Imaging Clinical Trial. Canadian Cancer Research Conference, Montreal, Canada, Conference Date: 2015/9
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First Listed Author
Published
32. Scott N. Gettinger, Frances A. Shepherd, Scott Joseph Antonia, Julie R. Brahmer, Laura Quan Man Chow, Rosalyn A. Juergens, Hossein Borghaei, Yun Shen, Christopher Harbison, Suresh Alaparthi, Allen C. Chen, Naiyer A. Rizvi. (2015). First-line monotherapy with nivolumab (NIVO; anti-programmed death-1 [PD-1]) in advanced non-small cell lung cancer (NSCLC): safety, efficacy and correlation of outcomes with PD-1 ligand (PD-L1) expression. ASCO, Chicago, United States of America, Conference Date: 2015/5
Abstract
Co-Author
Published
33. S.N. Gettinger, M.D. Hellmann, F.A. Shepherd, S.J. Antonia, J. Brahmer, L.Q. Chow, J. Goldman, R. Juergens, H. Borghaei, N.E. Ready, D.E. Gerber, F. Nathan, Y. Shen, C.T. Harbison, N. Rizvi. (2014). First-line monotherapy with nivolumab (NIVO) in advanced non-small cell lung cancer (NSCLC). CMTSO, ,
Abstract
Co-Author
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34. S. Gettinger, N. Rizvi, L. Q. Chow, H. Borghaei, J. R. Brahmer, R. Juergens, F. A. Shepherd, S. A. Laurie, D. E. Gerber, J. W. Goldman, Y. Shen, C. Harbison, A. Chen, S. J. Antonia. (2014). 1054PD - Nivolumab (anti-PD-1; BMS-936558, ONO-4538) in combination with platinum-based doublet chemotherapy (PT-DC) or erlotinib (ERL) in advanced non-small cell lung cancer (NSCLC). ESMO 2014 Congress, ,
Conference Date: 2014/9
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Co-Author
Published
Refereed?: Yes, Invited?: No
35. Scott N. Gettinger, Frances A. Shepherd, Scott Joseph Antonia, Julie R. Brahmer, Laura Quan Man Chow, Rosalyn A. Juergens, Hossein Borghaei, Yun Shen, Christopher Harbison, Suresh Alaparthi, Allen C. Chen, and Naiyer A. Rizvi. (2014). First-line nivolumab (anti-PD-1; BMS-936558, ONO-4538) monotherapy in advanced NSCLC: Safety, efficacy, and correlation of outcomes with PD-L1 status. American Society of Clinical Oncology Annual Meeting 2014, ,
Conference Date: 2014/6
Abstract
Co-Author
Published
Refereed?: Yes, Invited?: No
36. Scott Joseph Antonia, Scott N. Gettinger, Laura Quan Man Chow, Rosalyn A. Juergens, Hossein Borghaei, Yun Shen, Christopher Harbison, Allen C. Chen, Neal Ready, and Naiyer A. Rizvi. (2014). Nivolumab (anti-PD-1; BMS-936558, ONO-4538) and ipilimumab in first-line NSCLC: Interim phase I results. American Society of Clinical Oncology Annual Meeting 2014, ,
Conference Date: 2014/6
Abstract
Co-Author
Published, Invited?: No

37. Scott Joseph Antonia, Julie R. Brahmer, Scott N. Gettinger, Laura Quan Man Chow, Rosalyn A. Juergens, Frances A. Shepherd, Scott Andrew Laurie, David E. Gerber, Jonathan Wade Goldman, Yun Shen, Christopher Harbison, Suresh Alaparthi, Allen C. Chen, Hossein Borghaei, and Naiyer A. Rizvi. (2014). Nivolumab (anti-PD-1; BMS-936558, ONO-4538) in combination with platinum-based doublet chemotherapy (PT-DC) in advanced non-small cell lung cancer (NSCLC). American Society of Clinical Oncology Annual Meeting 2014, ,
Conference Date: 2014/6
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Co-Author
Published
Refereed?: Yes, Invited?: No
38. Naiyer A. Rizvi, Scott J. Antonia, Laura Q. Chow, Julie R. Brahmer, Rosalyn A. Juergens, Hossein Borghaei, Frances A. Shepherd, Scott Andrew Laurie, David E. Gerber, Jonathan Wade Goldman, Yun Shen, C. (2013). A phase I study of nivolumab (anti-PD-1; BMS-936558, ONO-4538) plus platinum-based doublet chemotherapy (PT-doublet) in chemotherapy-naïve non-small cell lung cancer (NSCLC) patients (pts). ASCO, Chicago, ,
Conference Date: 2013/5
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Co-Author
Accepted
39. Mark Socinski, Rosalyn Juergens, Fiona Blackhall, Rafael Rosell, Iman El-Hariry, Vojo Vukovic, Florentina Teofilovici, Isra Isa, Glenwood Goss. (2012). The CHIARA Trial (NCT01562015): A single arm, phase 2 study of ganetespib in patients with advanced non-small-cell lung cancer with anaplastic lymphoma kinase gene rearrangement (ALK-positive NSCLC). ESMO, Vienna, Austria,
Conference Date: 2012/9
Abstract
Co-Author
Published
40. J.M. Wrangle, H.P. Mohammad, A. Abukhdeir, R.A. Juergens, K. Harbom, K. Rodgers, J. Shin, C.A. Zahnow, S. Baylin, J. Herman, C.M. Rudin, M.V. Brock. (2012). Predicting sensitivity to azacytidine in non-small cell cancer lines by absence of activating mutations. ASCO, Chicago, IL, ,
Conference Date: 2012/5
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Co-Author
Published, Invited?: Yes
41. J.M. Wrangle, R.A. Juergens, F. Vendetti, , B. Coleman, R.S. Sebree, M.A. Rudek, S. Belinsky, J. Herman, S. Baylin, C.M. Rudin, M.V. Brock. (2011). Biomarker Development for a Phase II Study of Combination Epigenetic Therapy in Advanced Non-Small Cell Lung Cancer (NSCLC). World Conference on Lung Cancer, Amsterdam, Netherlands, ,
Conference Date: 2011/7
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Co-Author
Published, Invited?: Yes
42. B. Halmos, J. Bokar, P. Fu, D. Adelstein, R. Juergens, M.B. Rodal, A. Dowlati. (2011). A Phase I Study of the combination of oxaliplatin / docetaxel and vandetanib for the treatment of advanced gastroesophageal (GE) cancer. ASCO, Chicago, IL, ,
Conference Date: 2011/6
Poster
Co-Author
Published, Invited?: Yes

43. V.M. Macaulay, M.R. Middleton, S.G. Eckhardt, R. Juergens, C. M. Rudin, A. Manukyants, S. Gogov, S. Poondru, R. Gedrich and S. Gadgeel. (2011). Phase I study of OSI-906, dual tyrosine kinase inhibitor of insulin like growth factor-1 receptor (IGF-1R) and insulin receptor (IR) in combination with erlotinib (E) in patients with advanced solid tumors.ASCO, Chicago, IL, ,
Conference Date: 2011/6
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Co-Author
Published, Invited?: Yes
44. R.A. Juergens, F. Vendetti, J. Wrangle, B. Coleman, R.S. Sebree, M.A. Rudek, S.Belinsky, M. Brock, J. Herman, S. Baylin, C.M. Rudin. (2011). A phase II study of combination epigenetic therapy in advanced non-small cell lung cancer (NSCLC).Americian Association for Cancer Research Annual Meeting, Orlando, FL, ,
Conference Date: 2011/4
Abstract
First Listed Author
Published, Invited?: Yes
45. R.A. Juergens, F. Vendetti, J. Wrangle, B. Coleman, R.S. Sebree, M.A. Rudek, S.Belinsky, M. Brock, J. Herman, S. Baylin, C.M. Rudin. (2011). Analysis of a Phase II trial of 5-azacitidine(5AC) and entinostat (SNDX-275) in relapsed advanced lung cancer.5th Biennial Workshop on the Clinical Translation of Epigenetics in Cancer Therapy., San Diego, CA, ,
Conference Date: 2011/1
Poster
First Listed Author
Published, Invited?: Yes
46. V. M. Macaulay, M. R. Middleton, S. G. Eckhardt, R. A. Juergens, A. W. Stephens, S. Poondru, S. P. McCarthy, and S. M. Gadgeel. (2010). Phase I study of OSI-906, dual tyrosine kinase inhibitor of insulin-like growth factor-1 receptor (IGF-1R) and insulin receptor (IR) in combination with erlotinib (E) in patients with advanced solid tumors.ASCO Meeting Abstracts. ASCO, (3016),
Conference Date: 2010/6
Abstract
Co-Author
Published
Refereed?: Yes, Invited?: Yes

Date Submitted: 2024-09-30 13:55:18

Confirmation Number: 1835275

Template: Full CV

Dr. Monsur Ali

Correspondence language: English

Sex: Male

Date of Birth: 6/24

Canadian Residency Status: Canadian Citizen

Contact Information

The primary information is denoted by (*)

Address

Primary Affiliation (*)

1280 Main St W, ETB 303
Hamilton Ontario L8S 4L8
Canada

Telephone

Mobile (*) 1-289-4400938

Email

Work (*) monsali@mcmaster.ca

Website

Social Media <https://scholar.google.com/citations?user=ww8NdAsAAAAJ>

Dr. Monsur Ali

Language Skills

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

Degrees

2000/1 - 2003/3	Doctorate, PhD in Chemo-Pharmaceutical Sciences, Chemistry and Biochemistry of nucleic acids, Kyushu University Degree Status: Completed Thesis Title: Application of 2-amino-6-vinylpurine for post-synthetic modification of oligonucleotides Supervisors: Shigeki Sasaki, 2000/1 - 2003/3
1993/3 - 1995/4	Master's Thesis, Biochemistry and Molecular Biology, Isolation, purification and characterization of amylase from Bacillus Sphaericus, University of Dhaka-Bangladesh Degree Status: Completed Thesis Title: Studies on extracellular amylase from Bacillus Sphaericus Supervisors: Prof. Dr. Anwar Hossain, 1993/3 - 1995/5
1989/1 - 1994/12	Bachelor's Honours, BSc (Hons) in Biochemistry, Molecular Biology, University of Dhaka-Bangladesh Degree Status: Completed

User Profile

Researcher Status: Researcher
 Research Career Start Date: 2006/01/01
 Engaged in Clinical Research?: No

Key Theory / Methodology: In vitro selection to generate DNazymes and aptamers

Research Interests: My research interest is multidisciplinary specially in the development of point-of-care (POC) diagnostics for infectious and human diseases. I am also interested in developing innovative therapeutics with the use of DNA aptamers and DNazymes.

Research Experience Summary: I have been actively involved in research for more than 20 years. I have gained substantial experience and expertise in the functional nucleic acids (DNA aptamers, DNazyme, antisense, miRNA). I have generated DNA aptamers and DNazymes for variety of targets, and developed paper-based and solution based assay systems for diagnostic applications. I am the pioneer of generating DNazymes that specifically sense bacteria and developed different formats of paper-based assay systems.

Research Specialization Keywords: aptamer, DNazymes, in vitro selection

Research Centres: McMaster University

Disciplines Trained In: Biochemistry

Research Disciplines: Biochemistry

Areas of Research: Diagnostic Techniques

Employment

2023/1 Sessional Faculty
 Biotechnology, W Booth School of Engineering Practice and Technology, McMaster University
 Part-time, Sessional
 Tenure Status: Non Tenure Track
 As a sessional faculty, I provide lectures and serve as instructor to conduct laboratory works for undergraduate students for the W Booth Engineering Practice and Technology program at McMaster University

Affiliations

The primary affiliation is denoted by (*)

(*) 2014/7 Research Associate and Sessional Faculty, McMaster University
 Teaching and Research

Research Funding History

Completed [n=1]

2015/5 - 2020/4 National Institute of Allergy and Infectious Diseases (NIAID) R01 Award, Canada lung cancer ambition grant, Grant, Operating
 Co-applicant Clinical Research Project?: Yes
 Project Description: This funding was awarded to develop DNAzyme-based diagnostics for infectious diseases. I was a Co-PI of this funding and brought my portion at McMaster University in Canada as sub award. Here at McMaster, I generated a DNAzyme for *Klebsiella pneumoniae* and developed a simple paper microwell type assay for KP.

Funding Sources:

Canadian Lung Association (CLA)
 Lung Cancer ambition grant
 Total Funding - 50,000
 Portion of Funding Received - 50,000
 Funding Competitive?: No

Courses Taught

Instructor, W Booth School of Engineering practice and Technology, McMaster University
 Course Title: 1) Genomic and Proteomics 2) Biochemistry
 Course Code: 4GP3, 2BC3
 Course Level: Undergraduate
 Section: 4GP3-L01, 4GP3-L02, 2BC3-L03, 2BC3-L04
 Academic Session: Winter
 Number of Students: 40

Journal Review Activities

Reviewing research articles,Langmuir,American Chemical Society

Number of Works Reviewed / Refereed: 1

Reviewing research articles,Letters in Applied Microbiology,Oxford Academic

Number of Works Reviewed / Refereed: 1

Reviewing research articles,New Journal of Chemistry,Royal Society of Chemistry

Number of Works Reviewed / Refereed: 1

Reviewing research articles,Talanta,ScienceDirect

Number of Works Reviewed / Refereed: 3

Reviewing research articles,Nucleic Acids Research,Oxford University press

Number of Works Reviewed / Refereed: 5

Reviewing research articles,Plos One,Plos

Number of Works Reviewed / Refereed: 2

Reviewing research articles,Environmental Science: Water Research & Technology,Royal Society of Chemistry

Number of Works Reviewed / Refereed: 2

Reviewing research articles,Food Science & Nutrition,Wiley

Number of Works Reviewed / Refereed: 2

Reviewing research articles,Sensors,MDPI

Number of Works Reviewed / Refereed: 4

Reviewing research articles,Analytical Biochemistry,ScienceDirect

Number of Works Reviewed / Refereed: 2

Reviewing research articles,Analytical Chemistry,American Chemical Society

Number of Works Reviewed / Refereed: 3

Reviewing research articles,Biosensors,MDPI

Number of Works Reviewed / Refereed: 6

Reviewing research articles,Lab on a chip,Royal Society of Chemistry

Number of Works Reviewed / Refereed: 1

Reviewing research articles,Influenza and Other Respiratory Viruses,Wiley

Number of Works Reviewed / Refereed: 1

Reviewing research articles,Trends in Analytical Chemistry,ScienceDirect

Number of Works Reviewed / Refereed: 3

Knowledge and Technology Translation

2022/3 - 2023/3

Product development, Technology, Product, Process, Service Improvement/Development Group/Organization/Business Serviced: CytoDiagnostics Inc

Target Stakeholder: Industrial Association/Producer Group

Outcome / Deliverable: Developed a rapid test for marine algae and toxin for water test

International Collaboration Activities

2012/1 - 2018/6

Co-PI, United States of America

Developed a DNAzyme for Klebsiella pneumoniae and developed an easy to use paper based spot test

Most Significant Contributions

- 2011/3 Fluorogenic DNAzyme probes as bacterial indicator
This work was the pioneer in the field of DNAzyme with the ability to sense the presence of specific bacteria. This laid the foundation of generating DNAzyme probes for many other bacteria and cancer.

Presentations

1. (2019). A Printable Paper-Based Hydrogel Microarray for Drug Screening Enabling Discrimination between True and Promiscuous Enzyme Inhibitors. AIChE Annual Meeting, Canada
Invited?: No, Keynote?: No, Competitive?: Yes

Publications

Journal Articles

1. M Monsur Ali, Manali Mukherjee, Katherine Radford, Zil Patel, Alfredo Capretta, Parameswaran Nair, John D Brennan. (2023). A Rapid Sputum-based Lateral Flow Assay for Airway Eosinophilia using an RNA-cleaving DNAzyme Selected for Eosinophil Peroxidase. *Angewandte Chemie International Edition English*. 62(38): e202307451.
First Listed Author
Published, Wiley, Germany
Refereed?: Yes, Open Access?: No, Synthesis?: No
2. M. Monsur Ali, Michael G. Wolfe, Manali Mukherjee, Katherine Radford, Zil Patel, Dawn White, Julijana Milojevic, Alfredo Capretta, Parameswaran Nair & John D. Brennan. (2022). A sputum bioassay for airway eosinophilia using an eosinophil peroxidase aptamer. *Scientific Reports*. 12(1): 22476.
First Listed Author
Published, Nature publishing group,
Refereed?: Yes, Open Access?: Yes
3. M Monsur Ali, Ryan Silva, Dawn White, Saeed Mohammadi, Yingfu Li , Alfredo Capretta, John D Brennan. (2022). A Lateral Flow Test for *Staphylococcus aureus* in Nasal Mucus Using a New DNAzyme as the Recognition Element. *Angew Chem Int Ed Engl* .61(3): e202112346.
First Listed Author
Published, Wiley,
Refereed?: Yes, Open Access?: No
4. Michael G. WolfeM. Monsur AliJohn D. Brennan. (2019). Enzymatic litmus test for selective colorimetric detection of C–C single nucleotide polymorphisms. *Analytical Chemistry*. 91: 4735-4740.
Co-Author
Published, American Chemical Society, United States of America
Refereed?: Yes, Open Access?: No
5. Dr. M. Monsur Ali, Michael Wolfe, Kha Tram, Jimmy Gu, Prof. Dr. Carlos D. M. Filipe, Prof. Dr. Yingfu Li, Prof. Dr. John D. Brennan. (2019). A DNAzyme-Based Colorimetric Paper Sensor for *Helicobacter pylori*. *Angew Chem Int Ed Engl*. 58: 9907-9911.
First Listed Author
Published, Wiley, Germany
Refereed?: Yes, Open Access?: No

6. Dr. M. Monsur Ali, Dr. Anatoly Slepkin, Dr. Ellena Peterson, Dr. Weian Zhao. (2019). A simple DNAzyme-based fluorescent assay for *Klebsiella pneumoniae*. *ChemBioChem*. 20: 906-910.
First Listed Author
Published, Wiley, Germany
Refereed?: Yes, Open Access?: No
7. Hanie Yousefi, M. Monsur Ali, Hsuan-Ming Su, Carlos D.M. Filipe, and Tohid F. Didar. (2018). Sentinel wraps: real-time monitoring of food contamination by printing DNAzyme probes on food packaging. *ACS Nano*. 12: 3287-3294.
Published, American Chemical Society, United States of America
Refereed?: Yes, Open Access?: No
8. Hany Anany, Lubov Brovko, Noha K. El Dougdoug, Jennifer Sohar, Heather Fenn, Nada Alasiri, Tarik Jabrane, Patrice Mangin, M. Monsur Ali, Balamurali Kannan, Carlos D. M. Filipe & Mansel W. Griffiths. (2018). Print to detect: a rapid and ultrasensitive phage-based dipstick assay for foodborne pathogens. *Anal Bioanal Chem*. 410: 1217-12.
Co-Author
Published, Springerlink,
Refereed?: Yes, Open Access?: No

Book Chapters

1. D.-K. Kang, J. Lu, W. Zhang, E. Chang, M.A. Eckert, M.M. Ali, W. Zhao, XiuJun (James) Li. (2021). Microfluidics for analyzing stem cells, *Microfluidic Devices for Biomedical Applications*. Microfluidic Devices for Biomedical Applications. Second Edition: 437-487.
Co-Author
Published, Woodhead,
Refereed?: Yes

Intellectual Property

Patents

1. Printable hydrogels for biomolecule immobilization and stabilization. United States of America. US20200256860A1.
Patent Status: Pending
Inventors: Rabia MateenMonsur AliTodd Hoare
2. DNA aptamers for eosinophil peroxidase detection. United States of America. US Patent App. 17/966,575. 2022/10/14.
Patent Status: Pending
Inventors: John D. BrennanMonsur AliMichael WolfeDawn WhiteManali MukherjeeParameswaran NairAlfredo Capretta
3. DNAzyme-based sensor for *Helicobacter pylori*. United States of America. US Patent 11,549,945. 2020/05/15.
Patent Status: Granted/Issued
Year Issued: 2023
Inventors: M Ali, D White, S Mohammadi, JD Brennan, Y Li, A Capretta
4. Method of long-term preservation of chemical and biological species using sugar glasses. United States of America. US Patent 11,040,015. 2018/10/16.
Patent Status: Granted/Issued
Year Issued: 2021
Inventors: VHY Leung, S Jahanshahi-Anbuhi, C Filipe, MM Ali