

MINA FARAG, MD, MSc

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Education & Training

07/2025 – 06/2026	Gastrointestinal and Liver Pathology Fellowship University of Chicago Supervisor: Dr. Jon Hart
07/2020 - Present	Medical Resident Faculty of Medicine, McGill University, Diagnostic and Molecular (Anatomical) Pathology Five years of Surgical Pathology training, anticipated graduation: June 2025
09/2019 - 06/2020	Post-Doctoral Research Fellow Faculty of Medicine, University of Toronto, Toronto Center for Liver Diseases Post Graduate Medical Education Training program
09/2017 - 08/2019	Master of Medical Science (MSc) Faculty of Medicine, Institute of Medical Science, University of Toronto, Toronto Center for Liver Diseases
06/2016 - 07/2017	Post-Doctoral Research Fellow University of Toronto, St. Michael's Hospital, Li Ka Shing Knowledge Institute Laboratory Medicine and Pathobiology
03/2015 - 06/2016	Rotating electives Faculty of Medicine, Alexandria University, Egypt Combined onsite and international electives
09/2008 - 10/2015	Bachelor of Medicine and Surgery (M.B., B. Ch) (MD) Faculty of Medicine, Alexandria University, Egypt Excellent Grade (A+) with honors ranked among top 5%

Examinations

11/2023	United States Medical Licensing Exam Step 1 (USMLE) Pass
11/2017	Medical Council of Canada Qualifying Exam part 1 (MCCQE1) Pass - High-performance score of "585"
09/2016	National Assessment Collaboration (NAC) OSCE Pass

Licenses

02/2022	Licentiate of the Medical Council of Canada (LMCC) LMCC number: 152603 Medical Identification Number of Canada (MINC): CAMD-0161-1620
07/2020	Collège des Médecins du Québec Resident License: R27766

Peer Reviewed Publications**Accepted / Published****“Adding PEG-Interferon to Long-term Nucleos(t)ide Analogue Enhances HBsAg Decline in HBeAg-negative Chronic Hepatitis B Results from a Multicenter Randomized Controlled Trial (PAS Study)”**

Mina S Farag, Margo J.H. van Campenhout, Scott Fung, Karel J van Erpecum, David K. Wong, Elke Verhey, Robert de Man, Robert J De Knecht, Johannes T Brouwer, Hubertus C Baak, Jordan J Feld, K. Seng Liem, André Boonstra, Bettina E. Hansen, Harry L.A. Janssen
J Viral Hepat. 2024

“Diagnostic and Prognostic Value of the Histologic Assessment of Crohn’s Disease Features in Anastomotic Biopsies”

Gertruda Evaristo, Julianne Szczepanski, Mina S. Farag, David T. Rubin, Lucas K. Campbell, Victoria A. Marcus, Laura W. Lamps, John Hart
Mod Path 2023

“HBV RNA in Serum as an Early Predictor for Response to Pegylated Interferon Alfa Treatment in HBeAg Negative Chronic Hepatitis B.”

Mina S Farag, Margo J.H. van Campenhout, Maria Pfefferkorn, Janett Fischer, Danilo Deichsel, André Boonstra, Anneke J. van Vuuren, Peter Ferenci, Jordan J. Feld, Thomas Berg, Bettina E. Hansen, Florian van Bömmel, Harry L.A. Janssen
Clin Infect Dis. 2020

“Integrated Molecular Analysis of Papillary Renal Cell Carcinoma and precursor Lesions Unfolds Evolutionary Process from Kidney Progenitor-Like Cells.”

Rola M. Saleeb*, Mina Farag*, Qiang Ding, Michelle R. Downes, Georg Bjarnason, Fadi Brimo, Pamela Plant, Fabio Rotondo, John Bartlett, Zsuzsanna Lichner, Antonio Finelli, George M Yousef.
Am J Pathol, 189(10) (2019). *Co-first authorship

“Effectiveness and Renal Safety of Tenofovir Alafenamide Fumarate among Chronic Hepatitis B Patients: Real-World Study: TAF Real-World Study from CanHep B.”

Mina S Farag, Scott Fung, Edward Tam, Karen Doucette, Alexander Wong, Alnoor Ramji, Brian Conway, Curtis Cooper, Keith Tsoi, Philip Wong, Giada Sebastiani, Mayur Brahmania, Sarah Haylock-Jacobs, Carla S. Coffin, Bettina E. Hansen, Harry L.A. Janssen
J Viral Hepat 2021, *Top cited article 2021-2022

“A Deep Learning-Based Approach to Estimate Paneth Cell Granular Area in Celiac Disease”

Ebtihal Alharbi, Ajay Rajaram, Kevin Côté, Mina Farag, Farhad Maleki, Zu-Hua Gao, Chelsea Maedler-Kron, Victoria Marcus, Pierre-Olivier Fiset
Arch Pathol 2023

“Establishment of persistent enteric mycobacterial infection following streptomycin pre-treatment.”

Shannon C Duffy, Andréanne Lupien, Youssef Elhaji, Mina Farag, Victoria Marcus, Marcel A Behr
Gut Pathog 2023

“Morphologic alterations post trimodal therapy in muscle-invasive urothelial carcinoma: understanding the impact of post-treatment changes on the pathological interpretation and their potential clinical correlate.”

Gertruda Evaristo, Baharak Khadang, Ronald Kool, Gautier Marcq, Mina S. Farag, Wassim Kassouf, Fadi Brimo
Hum Pathol. 2022

“The Impact of Modifying Sunitinib Treatment Scheduling on Renal Cancer Tumor Biology and Resistance.”

Harrison Sicheng Lin, Qiang Ding, Zsuzsanna Lichner, Sung Sun Kim, Rola Saleeb, Mina Farag, Ashley Di Meo, Pamela Plant, Mirit Kaldas, Georg Arnold Bjarnason, George Makram Yousef.

“Quantitative HBcrAg and HBV RNA to predict outcomes after NA discontinuation in HBeAg negative patients with chronic hepatitis B: results from the Toronto STOP Study.”

Arif Sarowar, Scott Fung, Seng Liem, David K. Wong, Colina Yim, Seham Noureldin, Jiayun Chen, **Mina S. Farag**, Thomas Berg, Jordan J. Feld, Florian van Bömmel, Bettina E. Hansen, Harry L.A. Janssen
J Viral Hepat. 2022

“Effects of on-treatment ALT flares on serum HBsAg and HBV RNA in patients with chronic HBV infection.”

Hannah S J Choi, Milan J Sonneveld, **Mina S Farag**, Willem P Brouwer, Sylvia M Brakenhoff, Grishma Hirode, Adam J Gehring, Rob A de Man, Bettina E Hansen, Haryy L A Janssen.
J Viral Hepat. 2021

“Droplet Digital PCR Improves Urinary Exosomal miRNA Detection Compared to Real-Time PCR”

Cong Wang, Colleen Ding, Pamela Plant, Mayada Basheer, Chuance Yang, Eriny Tawedrous, Adriana Krizova, Carl Boulos, **Mina Farag**, Yufeng Cheng, George M Yousef.
Clin Biochem, 67 (2019)

“Sunitinib Induces Early Histo-Molecular Changes in Renal Cancer Cells that Contribute to Resistance.”

Zsuzsanna Lichner, Rola M. Saleeb, Henriett Butz, Qiang Ding, Roy Nofech-Mozes, Sara Riad, **Mina Farag**, Amir K Varkouhi, Claudia C dos Santos , Andras Kapus , George M Yousef
FASEB J, 33(1) (2019)

“Modulating ATP Binding Cassette (ABC) Transporters in Papillary Renal Cell Carcinoma Type 2 Enhances its Response to Targeted Molecular Therapy.”

Rola M. Saleeb, **Mina Farag**, Zsuzsanna Lichner, Fadi Brimo, Jenni Bartlett, Georg Bjarnason, Antonio Finelli, Fabio Rotondo, Michelle R Downes, George M Yousef.
Mol Oncol,12(10) (2018)

“Integrated Phenotypic/Genotypic Analysis of Papillary Renal Cell Carcinoma Subtypes: Identification of Prognostic Markers, Cancer-related Pathways, and Implications for Therapy.”

Rola M. Saleeb, Pamela Plant, Eriny Tawedrous, Adriana Krizova, Fadi Brimo, Andrew J Evans, Samantha J Wala, John Bartlett, Qiang Ding, Dina Boles, Fabio Rotando, **Mina Farag**, George M Yousef
Eur Urol Focus, 4(5) (2018).

“Towards Biological Subtyping of Papillary Renal Cell Carcinoma with Clinical Implications Through Histological, Immunohistochemical and Molecular Analysis.”

Rola M. Saleeb, Fadi Brimo, **Mina Farag**, Alexis Rompré-Brodeur, Fabio Rotondo, Vidya Beharry, Samantha Wala, Pamela Plant, Michelle R. Downes, Kenneth Pace, Andrew Evans, Georg Bjarnason, John M.S. Bartlett, George M. Yousef
Am J Surg Pathol, 41(12) (2017).

“On-treatment flares are associated with rapid HBV RNA and HBsAg decline during pegylated interferon-based therapy for chronic HBV infection.”

Hannah S.J. Choi, Milan J. Sonneveld, **Mina S. Farag**, Willem P. Brouwer, Sylvia M. Brakenhoff, Grishma Hirode, Adam J. Gehring, Rob A. de Man, Bettina E. Hansen, Harry L.A. Janssen
J Viral Hepat 2021

“Exploring the Mechanisms Controlling MiRNA Expression During Prostate Cancer Progression.”

Rania Ibrahim, Peter Yousef, Joytsna Batra, Leza Youssef, **Mina Farag**, Maria Pasic, Adriana Krizova, George M Yousef
Canadian Journal of Pathology (2017). (non-indexed)

Submitted

“Phase II Trial of Perioperative PD-L1 Inhibition with Avelumab and Docetaxel, Cisplatin, and 5-Fluorouracil for Resectable Locally Advanced Gastro-Esophageal Adenocarcinoma.”

Thierry Alcindor, Pierre-Olivier Fiset, Touhid Opu, Mehrnoush Dehghani, Nicholas Bertos, James Tankel, Sanjima Pal, Carmen Mueller, Jonathan Cools-Lartigue, Marc Hickeson, Victoria Marcus, Sophie Camilleri-Broet, Alan Spatz, Gertruda Evaristo, **Mina Farag**, Giovanni Artho, Arielle Elkrief, Ramy Saleh, Veena Sangwan, Lorenzo Ferri

Abstract Presentation at Scientific Meetings

“Characterization of HER2-Altered Colorectal Carcinomas in North American Patients: A Case-Control Study of Clinicopathologic and Molecular Features of HER2-Amplified and HER2-Mutated Colorectal Carcinomas Compared to their HER2-Wild-Type Counterparts”

Mina Farag, Pari Jafari, André Lametti, Saba Alsaddah, Pierre Olivier Fiset, Namrata Setia, Gertruda Evaristo
Poster Presentation at the USCAP 2024 Annual meeting, Baltimore, 2024 [**International**]

“Attention-Based Multiple-Instance Learning-Derived Screening Model For Distinguishing Non-Hodgkin Lymphomas from Inflammatory Hepatic Diseases in Liver Biopsies: A Multicentric Learning Approach”

Mina Farag, André Lametti, Ajay Rajaram, Nadine E Demko, Pari Jafari, Alison Xiaotang Du, Pierre Olivier Fiset, Victoria Marcus, René P. Michel, Amy Chadburn, John A. Hart, Gertruda Evaristo
Poster Presentation at the USCAP 2024 Annual meeting, Baltimore, 2024 [**International**]
 Selected for the Stowell-Orbinson Award poster session

“Next-Generation Sequencing Experience of Colorectal Cancer at a Quebec Health Care Centre”

Saba Alsaddah, **Mina Farag**, Victoria Marcus, Gertruda Evaristo, Chelsea Maedler-Kron, Sophie Camilleri-Broët, Andrea Iliam L Gomez Corredor, Alan Spatz, Julia V Burnier, Lawrence Lee, Pierre Olivier Fiset
Poster Presentation at the USCAP 2024 Annual meeting, Baltimore, 2024 [**International**]

“Prognostic Implications of Yes-Associated Protein (YAP) Immunohistochemistry in Patients with Upper Gastrointestinal Adenocarcinoma”

Mina Farag, Zhaoping Ju, Gertruda Evaristo, Nick Bertos, Marie-Christine Guiot, Victoria Marcus, Lorenzo Ferri, Alex Gregorieff, Pierre Olivier Fiset

Poster Presentation at the USCAP 2023 Annual meeting, New Orleans, 2023 [**International**]*

Oral Presentation at the APQ 2023 meeting, Trois Rivieres, Quebec [**Provincial**]**

*GIPS Award Recipient

*APQ Award Recipient for best research project

“Comparison of Inflammatory Changes in Anastomotic Biopsies from Patients with and without Crohn’s Disease”

Gertruda Evaristo, Julianne Szczepanski, **Mina Farag**, David T. Rubin, Lucas K. Campbell, Victoria Marcus, Laura W. Lamps, John A. Hart

Platform Presentation at the USCAP 2023 Annual meeting, New Orleans, 2023 [**International**]

“The Predictive Power of Tertiary Lymphoid Structures in Assessing Response to Trimodal Therapy in Muscle Invasive Bladder Cancer”

Nour Hassan, José Joao Mansure, **Mina Farag**, Ronald Kool, Eva Michaud, Mohanned Alessa, Luis Souhami, Fabio Cury, Fadi Brimo, Wassim Kassouf

Poster Presentation at the AACR 2023 Annual meeting, Orlando, 2023 [**International**]

Perioperative Immunochemotherapy (Mdcf + Avelumab) in Locally Advanced Gastro-Esophageal Adenocarcinoma: A Phase II Trial

Thierry Alcindor, Pierre-Olivier Fiset, Touhid Opu, Mehrnoush Dehghani, Nicholas Bertos, Carmen Mueller, Jonathan Cools-Lartigue, Marc Hickeson, Victoria Marcus, Sophie Camilleri-Broët, Alan Spatz, Gertruda Evaristo, **Mina Farag**, Giovanni Artho, Arielle Elkrief, Ramy Saleh, Veena Sangwan, Lorenzo Ferri
 Submitted to the American Society of Clinical Oncology (ASCO) 2023 Annual meeting

Prognostic Implications of BRG1 Loss and Neuroendocrine Marker Immunohistochemistry In Patients with Upper Gastrointestinal Adenocarcinoma

Mina S. Farag, Gertruda Evaristo, Carel Olory, Amit Katz, Marianne S. M. Issac, Duc-Vinh Thai, Veena Sangwan, Jose L Ramirez-GarciaLuna, Carmen Mueller, Jonathan Cools-Lartigue, Nicholas Bertos, Marie-Christine Guiot, Sophie Camilleri-Broët, Victoria Marcus, Lorenzo Ferri, Pierre Olivier Fiset

Platform Presentation at the CAP-ACP and APQ 2022 Annual meeting, 2022 [**National & Provincial**]**

*APQ Award Recipient for best research project

“Prognostic Implications of Neuroendocrine Marker Immunohistochemistry in Patients with Upper Gastrointestinal Adenocarcinoma”

Mina S. Farag, Gertruda Evaristo, Carel Olory, Amit Katz, Marianne S. M. Issac, Duc-Vinh Thai, Veena Sangwan, Jose L Ramirez-GarciaLuna, Carmen Mueller, Jonathan Cools-Lartigue, Nicholas Bertos, Marie-Christine Guiot, Sophie Camilleri-Broët, Victoria Marcus, Lorenzo Ferri, Pierre Olivier Fiset

Platform Presentation at the Finlayson Day, McGill Pathology department, 2022 **[Local]**

“A Pre-Clinical and Clinical Applicability of Pan-TRK Immunohistochemistry in Pancreatic Ductal Adenocarcinoma”

Mina S. Farag, Yifan Wang, Pierre Olivier Fiset, George Zogopoulos, Chelsea Maedler Kron

Poster Presentation at the CAP-ACP 2022 Annual meeting, 2022 **[National]**

“MULTI-Omic Integrative Profiling Of miniGISTs And Clinically Relevant Gists Throughout Progression.”

Joanna Przybyl, Andrew Yim, **Mina Farag**, Shirley Zhu, Sushama Varma, Sujay Vennam, Sungmi Jung, Piotr Rutkowski, Maria Debiec-Rychter, Matt van de Rijn

Platform Presentation at the CTOS 2022 Annual meeting, Vancouver, 2022 **[International]**

“Performance and Reproducibility of a Deep Learning-Based Approach at Diagnosing Celiac Disease.”

Kevin Côté, Yan Miao Y, **Mina Farag**, Farhad Maleki, Peter Savadjiev, Zu-hua Gao

Poster Presentation at the USCAP 2022 Annual meeting, Los Angeles, 2022 **[International]**

“BRG1 Loss by Immunohistochemistry as an Emerging Prognostic Biomarker in Esophageal, Junctional and Gastric Adenocarcinomas with SWI/SNF Complex Alterations.”

Gertruda Evaristo, **Mina S. Farag**, Amit Katz, Marianne S. M. Issac, Duc-Vinh Thai, Veena Sangwan, Jose L Ramirez-GarciaLuna, Carmen Mueller, Jonathan Cools-Lartigue, Nicholas Bertos, Marie-Christine Guiot, Sophie Camilleri-Broët, Victoria Marcus, Lorenzo Ferri, Pierre Olivier Fiset

Poster Presentation at the USCAP 2022 Annual meeting, Los Angeles, 2022 **[International]**

“Low hepatitis B surface antigen at baseline and increased ALT levels during treatment predicts HBsAg decline in response to Peginterferon Alfa-2a add-on in chronic hepatitis B patients pre-treated with long-term nucleos(t)ide analogue.”

Mina S Farag, Hannah S.J. Choi, Scott Fung, Heng Chi, Qing Xie, Milan J. Sonneveld, Jordan J. Feld, Rob de Man, Bettina E. Hansen, Harry L.A. Janssen

Poster Presentation at the EASL 2020 Conference, London, England, 2020 **[International]**

“On-treatment flares are associated with rapid HBV RNA and HBsAg decline during pegylated interferon-based therapy for chronic HBV infection.”

Hannah S.J. Choi, Milan J. Sonneveld, **Mina S. Farag**, Willem P. Brouwer, Sylvia M. Brakenhoff, Grishma Hirode, Adam J. Gehring, Rob A. de Man, Bettina E. Hansen, Harry L.A. Janssen

Poster Presentation at the EASL 2020 Conference, London, England, 2020 **[International]**

“Addition of Peginterferon Alfa-2a Increases HBsAg Decline In HBeAg-Negative Chronic Hepatitis B Patients Treated With Long-Term Nucleos(T)Ide Analogue Therapy.”

Mina S Farag, Scott K. Fung, Margo J.H. van Campenhout, Karel J van Erpecum, David K. Wong, André Boonstra, Elke Verhey, Rob de Man, Kin Seng Liem, Bettina E. Hansen, Harry L.A. Janssen

▪ **Platform Presentation**** at the American Association for the Study of Liver Diseases (AASLD) 2019 meeting, Boston, USA, November 2019 **[International]**

▪ **Platform Presentation** at the Canadian Liver Meeting- Annual CASL meeting, Montreal, Canada 2020 **[National]**

▪ **Platform Presentation** at the Sheila Sherlock Liver Research Day (SSLRD), University Health Network, Toronto, Canada, September 2019 **[Local]**

**AASLD Foundation Abstract Award Recipient

“Serum HBV RNA levels after nucleos(t)ide analogue therapy withdrawal in HBeAg negative patients with chronic hepatitis B: results from the Toronto STOP Study,”

Kin Seng Liem, Florian van Bömmel, **Mina S Farag**, Scott Fung, David K. Wong, Colina Yim, Seham Noureldin, Jiayun Chen, Karen Rother, Jordan J. Feld, Bettina E. Hansen, Harry L.A. Janssen

- **Poster Presentation** at the AASLD 2019 meeting, Boston, USA, November 2019 [**International**]

“Integrated Molecular Analysis of Papillary Renal Cell Carcinoma and Precursor Lesions Unfolds an Evolutionary Biological Process from Kidney Progenitor Cells”

Rola Saleeb, **Mina Farag**, Qiang Ding, Michelle Downes, Georg Bjarnason, Fadi Brimo, Pamela Plant, Fabio Rotondo, Zsuzsanna Lichner, George M Yousef

- **Platform Presentation** at the CAP 2018 meeting (Canadian Academy of Pathology), Quebec City, Canada, July 2018 [**National**]

- **Poster Presentation** at the USCAP 2018 meeting, Vancouver, Canada, March 2018 [**International**]

“Modulating ATP binding cassette (ABC) transporters in papillary renal cell carcinoma type 2 enhances its response to targeted molecular therapies.”

Rola M. Saleeb, **Mina Farag**, Zsuzsanna Lichner, Fadi Brimo, Fabio Rotondo, George M Yousef

- **Poster Presentation** at the USCAP 2018 meeting, Vancouver, Canada, March 2018 [**International**]

- **Poster Presentation** at the CAP 2018 meeting, Quebec City, Canada, July 2018 [**National**]

“HBV RNA in Serum as an early predictor for HBsAg loss following pegylated interferon treatment in HBeAg Positive chronic hepatitis B”.

Mina S Farag, Margo J.H. van Campenhout, Florian van Bömmel, Jordan J. Feld, Bettina E. Hansen, Harry L.A. Janssen

- **Poster Presentation** at the AASLD 2018 meeting, San Francisco, USA, November 2018 [**International**]

- **Platform Presentation** at SSLRD, University Health Network, Toronto, Canada, September 2018 [**Local**]

Chair of the First session of the Sheila Sherlock Liver Research Day, University Health Network, Toronto, Canada [September 2018]

Description: Session moderator and fielding questions

“HBV RNA in serum is an early predictor for sustained immune control following treatment with pegylated interferon alfa in patients with HBeAg negative chronic hepatitis B.”

Mina S Farag, Margo J.H. van Campenhout, Florian van Bömmel, Jordan J. Feld, Bettina E. Hansen, Harry L.A. Janssen

- **Platform Presentation** at the Global Hepatitis Summit 2018 meeting, Toronto, Canada, June 2018 [**International, Triennial**]

- **Oral Poster tour Presentation** at the EASL 2018 Conference, Paris, France, April 2018 [**International**]

- **Poster Presentation** at the GI Research day 2018 meeting, University of Toronto, May 2018 [**Local**]

- **Poster Presentation** at the Institute of Medical Science (IMS) Research day 2018 meeting, Faculty of Medicine, University of Toronto, May 2018 [**Master’s degree requirement**]

- **Poster Presentation** at the CASL 2018 meeting, Toronto, Canada, February 2018 [**National**]

“Papillary Renal Cell Carcinoma Histological, Immunophenotypical and Molecular Characterization; New Classification System With Associated Clinical Implications”

Rola M. Saleeb, Fadi Brimo, Alexis Rompré-Brodeur, Zsuzsanna Lichner, **Mina Farag**, Pamela Plant, George M Yousef

- **Poster Presentation** at the USCAP 2017 meeting, San Antonio, USA, March 2017 [**International**]

- **Poster presentation** at the AACR 2017 annual meeting, Washington DC, USA, April 2017 [**National**]

Academic/Teaching Presentations

Genitourinary Block, Academic Half Day Presentations, Anatomical Pathology Department, McGill University

Leader of the GU block teaching and end of block exam, October-November, 2022

Academic Half Day Presentations, Anatomical Pathology Department, McGill University

"Pancreatic tumor types and staging", April 23, 2021

"Pulmonary changes in autopsy cases of patients with a history of post stem cell transplant", September 4, 2020

Fundamental of Medicine and Dentistry (FMD) Course, Undergraduate Medical and Dental Education, McGill University

Coronary artery disease (CAD) small group, November 24, 2020

Diabetes small group, February 26, 2021

Student Case Presentation, Undergraduate Medical and Dental Education, McGill University

Student assessment for different pathology cases, November 25, 2020

Research Activities

McGill University, Anatomical Pathology department, Montreal

PI: Dr. Pierre-Olivier Fiset

Projects:

Prognostic Implications of:

- | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07/2021-Present | <ul style="list-style-type: none"> a) Yes-Associated Protein (YAP) in upper gastrointestinal tumors b) Neuroendocrine proteins in upper gastrointestinal adenocarcinoma c) SWI/SNF complexes in upper gastrointestinal adenocarcinoma d) Artificial intelligence in diagnosing and grading celiac disease e) Perioperative immunochemotherapy (mDCF + Avelumab) in locally advanced gastro-esophageal adenocarcinoma: a phase II trial. |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Role: Data gathering, REB submissions, Grant applications and statistics (SPSS and R)

McGill University, Anatomical Pathology department, Montreal

PI: Dr. Greta Evaristo

Projects:

- | | |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 07/2023-Present | <ul style="list-style-type: none"> a) Distinguishing Inflammatory Liver Disease from Non-Hodgkin Lymphoma Using Artificial Intelligence b) Clinicopathologic Characteristics of HER2-positive Colorectal Carcinomas in North American Patients |
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Role: Data gathering, REB submissions, statistics and manuscript and abstract writing (SPSS and R)

05/2022-Present	<p>McGill University, Anatomical Pathology department, Montreal PI: Dr. Fadi Brimo Projects: Defining an optimized quantifiable criterion as a prognostic factor for non-invasive high grade papillary urothelial carcinoma</p>
07/2021 – 07/2022	<p>McGill University, Anatomical Pathology department, Montreal PI: Dr. Chelsea Maedler Kron Projects: Molecular and IHC subtyping of pancreatic adenocarcinoma and their correlation with survival analysis</p>
08/2017 – 06/2020	<p>University of Toronto, Toronto Centre for Liver Diseases, Toronto General Hospital, University Health Network PI: Dr. Harry Janssen Title: Novel Biomarkers Projects: 1. Role of serum HBV RNA in chronic hepatitis B 2. Changes in serum HBsAg due to Peg-IFN add-on therapy in nucleos(t)ide analogue treated patients Role: Data gathering, Protocol development, REB submission, conducting analysis and manuscript preparation, international collaborations with European centers and initiating the RETRACT group study</p>
06/2016 - 07/2017	<p>University of Toronto, St. Michael's Hospital, Li Ka Shing Knowledge Institute PI: Dr. George Yousef Title: Papillary Renal Cell Carcinoma Characterization Projects: 1. Role of Papillary Renal adenoma and precursor lesions in papillary carcinoma 2. Phenotypic/Genotypic Analysis of Papillary Renal Cell Carcinoma Subtypes 3. Papillary Renal Cell Carcinoma Re-Classification according to Histological, Immunophenotypical and Molecular Characterization with Associated Clinical Implications 4. Histological Phenotype and Molecular Changes in Sunitinib Resistant Clear Cell Renal Cell Carcinoma 5. Mechanisms Controlling MiRNA Expression During Prostate Cancer Progression Role: Laboratory Investigations (Whole exome sequencing, DNA and RNA extraction, PCR, miRNA expression analysis, copy number variation and flow cytometry), viewing histology slides, literature search, data analysis and manuscript preparation</p>
06/2015 - 06/2016	<p>McMaster University, Hamilton General Hospital, McMaster Wing, Pulmonary Hypertension Clinic PI: Dr. Punji Dorasamy Project Title: Discrepancies between Echocardiography and Right Heart Catheterization in Patients with Pulmonary Hypertension Role: chart review and data collection</p>
01/2014 - 02/2015	<p>Faculty of Medicine, Alexandria University, Cardiology Department PI: Dr. Sherif Wagdy Ayad Project title: Impact of Left Ventricular End Diastolic Pressure Guide Hydration on Prevention of Contrast Induced Nephropathy Post Cardiac Catheterization J Am Coll Cardiol. 2015; 65(10_S) Role: Patient recruitment, patient examination and assistance with procedures</p>

Faculty of Medicine, Alexandria University, Renal Department

01/2014 - 12/2014
PI: Dr. Hoda Elsayed
Project title: Epidemiology of Diabetic Kidney Diseases in northern Cities of Egypt
Role: Interviewing patients and data collection

Work and Extra-Curricular Activities**Chief Resident, Anatomical Pathology Department, McGill University**

07/2022-06/2023
 Elected as the chief resident for the 2022/2023 academic year. Responsible for call, intraoperative and teaching scheduling, participating in residency selection committee, and ranking candidates for residency matching, troubleshooting different issues for the resident body, communicating with the PGME office and coordinating the wellness seminars for residents.

Chair of Resident Section, CAP-ACP Board of Directors**Aim:**

- 08/2023-Present
- Promote the quality of resident training in Canada and provide a communication network for Canadian pathology residents.
 - Represent pathology residents from all disciplines of laboratory medicine.
 - Organizing the Residents' Symposium and Dinner, encouraging resident attendance at workshops, and supporting resident presentations within the scientific program.
 - Facilitate interaction and the exchange of information with similar associations with overlapping interests.

College of American Pathologists (CAP) Residents Delegate

12/2022-Present
 Representative of pathology residents from across the country to learn about, discuss and take action on important issues that affect future pathologists and current trainees

Board of Representative of the McGill Resident Association (ARM)-specialty,

07/2022-06/2023
 McGill University, Montreal
 Member of the McGill Resident Association representing the McGill resident, specialty category, for the issues concerning the residents of McGill

Vice-president of the McGill Resident Association (ARM) Academic and Pedagogical Affairs (CAP)-specialty, McGill University, Montreal

07/2021- 07/2022
 Member of the McGill Resident Association representing the McGill resident body for the pedagogical affairs concerning the Royal College of Physician and Surgeon of Canada (RCPSC) specialties.
Description: Advocate for specialty residents at McGill and gain an understanding of issues related to medical education and practice. Attend the ARM Executive and Board meetings, the PGME committee meetings. Review documents relating to the education of residents, help create a strategic position for the Fédération des Médecins Résidents du Québec (FMRQ) on topical issues related to specialty training in Quebec and Canada and represent the interests of Quebec residents to external committees such as those of the RCPSC, the Association of Faculties of Medicine of Canada, Collège des Médecins du Québec and the Medical Council of Canada.

Examiner, Medical Council of Canada

05-2023 - Present
 Physician examiner at the National Assessment Collaboration (NAC) examination

10/2020- 07/2021	<p>McGill CBME Resident Subcommittee, McGill University, Montreal Member of the competency based medical education resident subcommittee to provide a setting for the discussion and the monitoring of the challenges, enhancements, and innovations associated with the integration of CBME in different residency programs.</p> <p>Description: Enhancing the implementation of CBME; Discussing opportunities for continuous improvement of the CBME curriculum, the assessment tools and resident development; Fostering resident-led medical education research opportunities related to CBME; identifying resident challenges regarding the implementation of the CBME curriculum and finding strategies to facilitate overall functioning.</p>
02/2018- 02/2020	<p>Viral Hepatitis Outreach Specialist, Viral Hepatitis Care Network (VIRCAN), Toronto Staff member of a not-for-profit organization focused on building an academic-community partnership through viral hepatitis screening, treatment, research, and education needed to remove barriers to care in the Greater Toronto Area.</p> <p>Description: Patient interviewing and medical history, health education and promotion, venous blood sampling for hepatitis testing and counseling. Targeting general and marginalized populations for hepatitis screening in various settings (homeless shelters, refugee centers and health fair events). http://vircan.ca</p>
05/2018 - Present	<p>Journal Reviewer European Journal of Gastroenterology and Hepatology</p>
02/2018 – 06/2020	<p>Journal Reviewer Assistant (Journal Reviewer: Dr. Harry Janssen) New England Journal of Medicine, The Lancet, Gastroenterology Journal, Gut Journal, Hepatology Journal, Journal of Hepatology and Journal of Viral Hepatitis</p>
09/2017- 09/2018	<p>Mentor for the Ontario On-Line Research Co-op for high school students Description: A collaborative program developed by The Journal of Student Science and Technology and the federal Science and Technology Cluster (Science.gc.ca). Program matches highly motivated students with top researchers in the fields of science and technology. Students are offered opportunities to work on a research project supervised and provided by their mentors.</p>
09/2017- 08/2018	<p>Mentor for the Biological Sciences Mentorship (BIOME) Program, University of Toronto. One-on-one mentorship program for Biological Sciences students. To guide undergraduate students with career planning</p>
06/2016 – 09/2017	<p>Editorial Assistant Canadian Journal of Pathology</p>
Summer of 2012 and 2013	<p>Tour Guide at Wildwood Insectarium, New Jersey, United States.</p>

Honors and Awards

2023	<p>Gastrointestinal Pathology Society (GIPS), Travel Award One award is given annually by the GIPS to a pathology trainee with a demonstrated interest in gastrointestinal pathology. The award supports the costs for attending a gastrointestinal course. Future plan is to attend the USCAP/GIPS interactive microscopy course.</p>
2023 and 2022	<p>Quebec Association of Pathologists (APQ), Best research project Chosen as the best research project in Quebec province for the work in investigating IHC predictive markers in upper gastrointestinal tumors</p>

2019	AASLD, The Early Career Investigator Award in Clinical/Translational Science AASLD Foundation Abstract Award Recipient
2019	CLM (Canadian Liver Meeting), Student Travel Bursary Canadian Association for the Study of Liver
2018 & 2019	EASL, Young Investigator Bursary One of top ranked abstracts submitted to the conference.
2018	EASL, Tour of Top Posters "HBV RNA in serum is an early predictor for sustained immune control following treatment with pegylated interferon alfa in patients with HBeAg negative chronic hepatitis B"
2008-2016	Merit Scholarship, Outstanding student achievements Scholarship for academic excellence and community service work during medical school
2008 - 2014	Educational Achievement Award , Faculty of Medicine, Alexandria University A yearly monetary award for achieving an A+ overall grade
2008	Minister of Education Award Ranked among the top 1% high school students in Egypt for Academic excellence
1999 –2009	The Coptic Youth Bishopric-Coptic Church Award Awarded prizes from the Coptic Youth Bishopric for sports competitions

Conferences and Courses

03/2023	The 2023 USCAP meeting , New Orleans
05/2022 and 05/2023	The annual APQ Scientific meeting
01/2021	The 2021 Resident Review Course , Canadian Association of Pathologists
10/2020	The CAP20 Virtual meeting , College of American Pathologists
11/2019	The liver meeting , Annual AASLD meeting Boston, USA
11/ 2018	San Francisco, USA
10/2017	Washington, D.C, USA
04/ 2019	The International Liver Congress , Annual EASL meeting Vienna, Austria
04/2018	Paris, France
11/2019	International HBV Cure Workshop , Toronto, Canada
11/2018	
10/ 2017	
02/2020	The Canadian Liver Meeting- Annual CASL meeting Montreal, Canada
05/2019	Montreal, Canada
02/2018	Toronto, Canada
09/2019	The Sheila Sherlock Liver Research Day , University Health Network, Toronto
09/2018	

05/2019 05/2018	GI Research Day , Gastroenterology Department, University of Toronto
10/2018	ACLS provider , Heart and Stroke Foundation, Michener Institute, University Health Network, Toronto
10/2018	BLS provider recertification , Heart and Stroke Foundation, Michener Institute, University Health Network, Toronto
06/2018 – Present	French Academic Course Francisation en ligne- ministère de l'Immigration, de la Diversité et de l'Inclusion, Québec
06/2018	The Global Hepatitis Summit- Tri-Annual GHS meeting, Toronto, Canada
2017-2019	Hepatobiliary Rounds , Gastroenterology Department, University Health Network, Toronto
06/2017	Phlebotomy course workshop
04/2017	American Association for cancer research (AACR) Annual Meeting 2017 , Washington, D.C, USA
03/2016	Basic Life Support (BLS) Healthcare provider
10/2016	Inaugural Pathology Matters Meeting , The Ontario Molecular Pathology Research Network (OMPRN), Toronto, Canada
10/ 2015	Pulmonary Hypertension Meeting 2015 , Toronto, Canada
06/ 2014	Alexandria Medical Students Scientific Association Annual , Alexandria, Egypt
06/2013	The Fifth Alexandria Annual Conference of Gastroenterology & Hepatology , Alexandria, Egypt

Society Memberships

11/2022 - Present	Gastrointestinal Pathology Society (GIPS)
07/2021 – 07/2022	Royal College Residency Accreditation Committee
07/2021 – 07/2022	Royal College Assessment Committee
07/2021 – Present	CaRMS Awards Committee
07/2021 – 07/2022	McGill Resident Association (ARM)- VP CAP Affairs
08/2020 - Present	Genitourinary Pathology Society (GUPS)
08/2020 - Present	International Society of Urological Pathology (ISUP)
10/2020 - Present	College of American Pathologists (CAP)
07/2020 - Present	American Society for Clinical Pathology (ASCP)
05/2020 - Present	United States and Canadian Academy of Pathologists (USCAP)
09/2017 - Present	American Association for the Study of Liver Diseases (AASLD)
01/2018 - Present	The European Association for the Study of the Liver (EASL)
11/2017 - Present	Canadian Association for the Study of the Liver (CASL)

01/2017 - Present	American Association for Cancer Research (AACR)
09/2016 - Present	Coptic Medical Association of North America (CMANA). Provides charitable medical services to underserved areas around the world. Educating as well as teaching new skills for the health care providers in underserved areas of South America, Caribbean Islands and African countries
09/2008 - 06/2015	St. Luke Medical Students Association , Alexandria, Egypt Provides educational and social help for the new students, and university orientation
11/2010 - 06/2016	Alexandria Children Club , Alexandria, Egypt Non-profit fundraiser aimed to help under-privileged children receive proper education, health care and housing. As president, during my fifth year, we worked on promoting better experience at the children hospital and a coordinated effort to raise money for acquiring new equipment in rural hospitals.
11/2010 - 02/2016	Alexandria Medical Students Scientific Association (ASSA). Affiliate of the International Federation of Medical Students Association (IFMSA), UNESCO. Offers various social and educational support for students as well as planning charity events and public education.

Volunteer Work

2020 - Present	Coach and mentor to international medical graduates
2015 – 2020	Chief Sunday School Teacher, St. George and St. Rueiss Coptic Church, Toronto
2006 - 2019	Weekly senior home visits
2015 – 2019	Simulated patient volunteer to prepare candidates for the Canadian medical license exam
2010 – 2013	Participant in rural health campaigns and offering free medical services, Egypt.
2008 – 2015	Assisting patients at the Emergency department of Main university hospital during summer as a volunteer student
2008 - 2014	Organizer of the yearly welcome ceremony for new medical students, Alexandria

Hobbies and Interests

Fishing
Soccer
Workout and core body exercises
Swimming
Scuba diving
Tennis