

Surgery e-NEWS

Timely news you can use

Winter 2023
Volume 1 Issue 2

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RECRUITMENT

In Academic Affairs news, the Department of Surgery welcomes a new faculty member to the Division of General Surgery.

Dr. **Karyne Martel** joined the Division of General Surgery at the Jewish General Hospital as an Assistant Professor (Clinical) in January. *Welcome!*

PROMOTIONS

Fall 2022 session:



Dr. Fu-Hua Lawrence Lee
Associate Professor (Clinical)
General Surgery



Dr. Derek Rosenzweig
Associate Professor (Clinical)
Orthopedic Surgery

RESEARCH NEWS



Early Career Investigator Workshop

The Experimental Surgery program is holding its 3rd **Early Career Investigator Workshop Series** to assist clinician-scientists and scientists in the Department of Surgery, in preparing to submit their application to this year's FRQS Junior I competition. The series consists of four Saturday morning workshops to help applicants prepare their CV and program application for the FRQS submission. For more information on the Early Career Investigator Mentorship program and how to apply for the next session please visit www.mcgill.ca/experimentalsurgery/early-career-investigator.

Department of Surgery Research Strategic Plan 2023-2026

Dr. Jake Barralet would like to thank everyone for all their hard work in getting The Department's strategic plan built. This exercise required a lot of consultation and we appreciate everyone's input and patience.

Structured as a two-phased approach, the next phase is already underway with the development of **working groups** to focus on achieving the objectives laid out in the plan. These working groups will report to the Executive Committee so that their progress can be relayed and recommendations can be enacted, coordinated, or modified as required. The intent is for the plan to be a living document that will be updated as items are completed or perceived needs change.



A draft version, currently being edited for external distribution, can be found here: www.mcgill.ca/surgery/research/research-strategic-plan

SURGICAL EDUCATION

Canadian Association for Medical Education (CAME) Awards

On the education front, candidates nominated from the Department of Surgery were awarded CAME awards – see below for more details. Congratulations Simon, Olivier and Isabella!

A stylized, handwritten-style graphic that says 'Congrats!' in a cursive font.

CAME Certificate of Merit is awarded to promote, recognize and reward faculty committed to medical education in Canadian medical schools.



Dr. **Simon Bergman** is this year's recipient of the **CAME Certificate of Merit** award in recognition of his innumerable contributions to Surgical Education at McGill, and in particular, to his many years of hard work and dedication in undergraduate education.

CAME Rising Star Award is intended to recognize residents who have demonstrated a commitment and/or passion for medical education.

Dr. **Olivier Vaillancourt** is a fifth-year resident in Cardiac Surgery at McGill University with a bright future. He was awarded the **CAME Rising Star** award for his contributions to Cardiac Surgery through the Residency Program and Simulation Committees. In addition to excelling clinically and showing dedication to his patients, he has been a strong leader and advocate for his fellow residents, ensuring their voices are heard on both university and provincial levels.



Isabella Bozzo, a fourth-year medical student at McGill University, was awarded the **CAME Rising Star** award for her contributions to research and clinical innovation in orthopedic surgery. Prior to medicine, Isabella was designing biomedical devices and surgical simulation software in pursuit of her Mechanical engineering degree. Her ultimate goal is to

apply her background in biomechanics research to innovate clinical tools that can improve patient outcomes. In the words of one of her mentors, Dr. Mitchell Bernstein, *“she is the most impactful medical student I have met in the past 10 years of my career”*.

Strengthening the Learner-Teacher Relationship

In other news, there are initiatives across multiple different residency programs within the Department to increase in-person teaching and interactions to strengthen learner-teacher relationships. The pandemic left us all feeling isolated and this has not helped our training programs. We could all benefit from a greater sense of community within our programs and teams – more to follow on this in the coming months!!

Surgical Education Website Needs your Ideas!

We will be completely re-vamping the Surgical Education section of the website to better meet the needs of our users and to reflect the outstanding work being done at McGill in Surgical Education. **Please let us know if you have ideas or aspirations for how the website can better serve our community.**

Please send your suggestions to: surgeryeducation@mcgill.ca

FACULTY DEVELOPMENT

Surgical Leadership

We are grateful to the **Wessel family** for their generous donation in **Memory of Dr Edward Archibald**, our very first Chair, to support the next 3 years of the **Surgical Leadership Program**.

The 2nd annual session is being designed now and will be targeted at early-career surgeons and scientists.



For more information on the Leadership in Surgery program please visit www.mcgill.ca/surgery/faculty-development/leadership-surgery.

WOMEN IN SURGERY

No updates - see you in the next issue.



CARDIAC SURGERY

ACHIEVEMENTS



Ali Alakhtar - Chief Resident

- *Outcomes in Patients Undergoing Surgical Aortic Valve Replacement With & Without a Pre-Operative Heart Team Assessment* Ali Alakhtar*, J. Rodighiero*, B. De Varennes, K. Lachapelle, G. Martucci MDI, N. Piazza MD, J. Afilalo, M. Spaziano; CJC Open, Volume 5, Issue 1, 2023, Pages 24-34, ISSN 2589-790X.
- *Cardiac Surgery Training in the Transcatheter Era* Muller Moran HR, Alakhtar A, Al-Atassi T, Rubens F, Arora RC, Lachapelle KJ; Canadian Journal of Cardiology, Volume 38, Issue 11, 2022, Pages 1736-1738, ISSN 0828-282X.

GENERAL SURGERY

ACHIEVEMENTS



Dr. Liane Feldman presented the 20th Annual Eugene M. Bricker Visiting Lecture in Surgery at Washington University School of Medicine in St. Louis in February and delivered grand rounds on “Redesigning perioperative care: Prehabilitation and Enhanced Recovery Pathways”.

Dr. Feldman and her team were also awarded a 3-year mandate from the MSSS to develop an audit and feedback database to support provincial Enhanced Recovery After Surgery (ERAS) implementation.

Congratulations to Dr. Gerald M. Fried for being awarded an honorary membership in the Japanese Society for Endoscopic Surgery at their annual meeting in Nagoya, Japan in December 2022. This prestigious membership was



awarded in recognition of his contribution to the training of surgeons around the world in minimally invasive surgery.

Leadership in Surgery



Congrats to Dr Phil Vourtzoumis and Dr Ron Dimentberg for

completing McGill's **Surgical Leadership Program** in December 2022. They were participants in the first cohort of this program which is expected to run



annually in the Fall.

For more information on the Leadership in Surgery program please visit: www.mcgill.ca/surgery/faculty-development/leadership-surgery.

Recent Funding & Publications



Dr. Julio Fiore was recently granted the **CIHR Early-Career Investigator Award** in the amount of \$100K for his research entitled: *Comparative effectiveness of opioid versus opioid-free post-discharge analgesia after outpatient breast surgery: A randomized controlled trial*. Co-Applicants include Stephanie Wong, Ipshita Prakash, Sarkis Meterissian, Lawrence Lee, and Liane Feldman. PMID: 36253504 Free PMC article.

- **Identifying Modifiable System-Level Barriers to Living Donor Kidney Transplantation**. Sandal S, Schiller I, Dendukuri N, Robert JT, Katergi K, Alam A, Cantarovich M, Fiore JF, Suri RS, Landsberg D, Weber C, Fortin MC. *Kidney Int Rep*. 2022 Sep 9;7(11):2410-2420. doi: 10.1016/j.ekir.2022.08.028. eCollection 2022 Nov. PMID: 36531889 Free PMC article.
- **A retrospective analysis of early discharge following minimally invasive colectomy in an enhanced recovery pathway**. Robitaille S, Wang A, Liberman AS, Charlebois P, Stein B, Fiore JF Jr, Feldman LS, Lee L. *Surg Endosc*. 2022 Dec 5;1-9. doi: 10.1007/s00464-022-09777-8. Online ahead of print. PMID: 36471062 Free PMC article.
- **Predictors of pre- and post-treatment bowel dysfunction severity in patients with rectal cancer**. Robitaille S, Wang A, Liberman S, Charlebois P, Stein B, Fiore JF Jr, Feldman LS, Lee L. *Surgery*. 2023 Mar;173(3):681-686. doi: 10.1016/j.surg.2022.07.045. Epub 2022 Oct 17. PMID: 36257858
- **Does the Low Anterior Resection Syndrome Score Accurately Represent the Impact of Bowel Dysfunction on Health-Related Quality of Life?** Wang A, Robitaille S, Liberman S, Feldman LS, Fiore JF Jr, Lee L. *J Gastrointest Surg*. 2023 Jan;27(1):114-121. doi: 10.1007/s11605-022-05481-z. Epub 2022 Oct 17. PMID: 36253504 Free PMC article.

ORTHOPEDIC SURGERY

ACHIEVEMENTS



Dr. Robert Turcotte, Professor (Clinical) and leader of the **McGill Sarcoma** team was recently awarded the prestigious **2022 Award of Excellence** from the **Fédération des médecins spécialistes du Québec (FMSQ)**.

The Award of Excellence in Continuing Professional Development recognizes pioneers, builders and innovators who have advanced continuing professional development through the implementation of educational processes, resources or tools.

For more news on **McGill Sarcoma** please visit their website at www.mcgillsarcoma.com.

Publications

- **Occupational injuries and burn out among orthopedic oncology surgeons.** Alaseem AM, Turcotte RE, Ste-Marie N, Alzaharani MM, Alqahtani SM, Goulding KA. *World J Orthop.* 2022 Dec 18;13(12):1056-1063. doi: 10.5312/wjo.v13.i12.1056. eCollection 2022 Dec 18. PMID: 36567863 Free PMC article.
- **Outcomes After Abductor Reattachment to Proximal Femur Endoprosthesis After Tumor Resection.** Rizkallah M, Araneta KT, Aoude A, Turcotte RJ. *Am Acad Orthop Surg.* 2023 Jan 1;31(1):34-40. doi: 10.5435/JAAOS-D-22-00369. PMID: 36548152
- **LUMiC® endoprosthesis for pelvic reconstruction: A Canadian experience.** Rizkallah M, Ferguson PC, Basile G, Kim P, Werier J, Wilson D, Turcotte RJ. *Surg Oncol.* 2022 Dec 22. doi: 10.1002/jso.27181. Online ahead of print.

ACHIEVEMENTS



Dr. Edward Harvey, PhD, Professor was recently elected **Fellow of the International Orthopaedic Trauma Association**. The induction ceremony took place in Amsterdam in December 2022. This esteemed honour has been awarded to less than 150 orthopaedic surgeons worldwide. *Well done!*

Dr. Harvey was also invited as a **Guest Lecturer** to the Desautels School of Business to give a talk on the **"Value Added Considerations in Pitching your Startup"**

Publications

- **Zincon-Modified CNTs Electrochemical Tool for Salivary and Urinary Zinc Detection.** Daniela Vieira, Jerome Allard, Katie Taylor, Edward J Harvey, Geraldine Merle. *Nanomaterials* 12(24), 4431-35. doi:10.3390/nano12244431
- **An Early Cost-Effectiveness Analysis of a New Continuous Compartment Pressure Monitoring Device in Tibial Fracture Patients Who are at Risk of Developing Acute Compartment Syndrome (ACS).** Harper S, Buckley C, Sanscartier S, Bouklouch Y, Harvey EJ, Sackier JM, Butler K. *Value in Health* Dec 2022, s104.

ACHIEVEMENTS



Dr. Michael H. Weber, Spine Surgeon and Associate Professor of Surgery, recently published the following paper that was acknowledged as the "Editors Choice" for the February 2023 issue of *Neurosurgery*.

Timing of Recovery After Surgery for Patients With Degenerative Cervical Myelopathy: An Observational Study From the Canadian Spine Outcomes and Research Network
Neurosurgery 92(2):p 271-282, February 2023.

Publications

- [Comparison of multifidus muscle intramuscular fat by ultrasound echo intensity and fat-water based MR images in individuals with chronic low back pain.](#) Jenna Crook, Sara Masi, Neda Naghdi, Alexa Roussac, Meaghan Rye, Brent Rosenstein, Hassan Rivaz, Mathieu Boily, Michael H Weber, Maryse Fortin. Published Musculoskelet Science Pract January 5th 2023. DOI: 10.1016/j.msksp.2023.102717 PMID: 36658047
- [Timing of Recovery After Surgery for Patients With Degenerative Cervical Myelopathy: An Observational Study From the Canadian Spine Outcomes and Research Network.](#) Nathan Evaniew , Matthew Coyle, Y Raja Rampersaud, Christopher S Bailey, W Bradley Jacobs, David W Cadotte, Kenneth C Thomas, Najmedden Attabib, Jérôme Paquet, Andrew Nataraj, Sean D Christie, Michael H Weber, Philippe Phan , Raphaële Charest-Morin, Charles G Fisher, Hamilton Hall, Greg McIntosh, Nicolas Dea. Published Observational Study Journal Feb 1st 2023. DOI: 10.1227/neu.0000000000002213 PMID: 36637265
- [A 3D, Compartmental Tumor-Stromal Microenvironment Model of Patient-Derived Bone Metastasis.](#) Mansoureh Mohseni Garakani , Megan E Cooke, Michael H Weber, Michael R Wertheimer, Abdellah Aji, Derek H Rosenzweig. Published International Journal of Molecular Science December 21st 2022. DOI: 10.3390/ijms24010160 PMID: 36613604

ACHIEVEMENTS



Dr. [Joanna Przybyl](#), Assistant Professor (Research), was awarded a \$100,000 USD grant from the [National Leiomyosarcoma Foundation](#) for her research entitled: *Development of the multi-omic liquid biopsy assay for the pre-operative diagnosis of uterine leiomyosarcoma and leiomyoma.*

Congrats!

to [Pegah Rahimizadeh](#), PhD student in the laboratory of Dr. Joanna Przybyl, who was recently awarded the RI-MUHC studentship of \$10,000.



[Rahul Gawri, MD, Ph.D.](#) - Assistant Professor, Co-director, Regenerative Orthopaedics and Innovation Laboratory was recently awarded a \$40,000 CAD grant as PI from the Réseau de recherche en Santé Bucco-dentaire et Osseuse (RSBO) for his project entitled *Developing Immunomodulatory Hydrogels for Accelerated Fracture Healing Applications.* Co-applicants included our very own Dr. Paul Martineau and Dr. Xavier Banquy from University of Montreal.

Professor Gawri was also appointed as **Co-chair** of the Membership Committee, Spine Section of the Orthopaedic Research Society (USA) and as a **member** of the Diversity, Equity, and Inclusion Committee of the Orthopaedic Research Society (USA). He is also the **Newsletter Manager** for The Spinal Column, Newsletter of the Spine Section of the Orthopaedic Research Society (USA).

Congrats!

to [Rayan Ben Letaifa](#), Professor Gawri's graduate student, who received a competitive Student Fellowship award from the RSBO for her project entitled: *Mast Cell Homing for Enhanced Fracture Healing* in December 2022.

Conference Presentations

Professor Gawri presented the following three posters at the [Orthopaedic Research Society Annual Meeting](#), on February 10th-14th, 2023 in Dallas, Texas, USA :

- ***Fabrication of Inorganic Polyphosphate-Loaded Thermoresponsive Hydrogel for Enhanced Fracture Healing*** - Rayan Ben Letaifa, Deepak S. Chauhan, Hu Zhang, Araceli Garcia, Derek H. Rosenzweig, Paul A. Martineau, Xavier Banquy, Rahul Gawri
- ***Spinal Cord Injury-Associated Neurogenic Heterotopic Ossification: A Novel Mouse Model*** - Rachad Aita; Joseph Petruccelli; Rahul Gawri; Chan Gao
- ***Evaluating Adipose Stromal Cell Seeded Polyurethane Polymers As Tissue Engineered Implantable Ligament Substitutes*** - Gargi Goel; Atma Adoungotchodo; Sophie Lerouge; Julie Fradette; Joshua Vorstenbosch; Rahul Gawri; Derek Rosenzweig

Publications



Dr. Natalia Gorelik - Associate Member of the Department of Surgery and a participant in the **Early Career Investigator Mentorship** program.

Usefulness of MRI-Based Local Surveillance After Surgical Treatment of Musculoskeletal Soft-Tissue Sarcomas: A Systematic Review and Meta-Analysis. Gorelik N, Paruthikunnan S, Uppal A, Ervin AM, Ramanakumar AV, Quaiattini A, Brophy JM, Gyftopoulos S. AJR 2023 Feb 8 [published online]. doi:10.2214/AJR.22.28865

PLASTIC, RECONSTRUCTIVE & AESTHETIC SURGERY

Publications



Dr. Tassos Dionisopoulos

Direct-to-Implant, Prepectoral Breast Reconstruction: Geometric Breast Measurements and Changes at 2-Years of Follow-Up. Safran, Tyler MD; Abi-Rafeh, Jad M.Sc; Viesel-Mathieu, Alex MD M.Sc FRCSC; Vorstenbosch, Joshua MD PHD FRCSC; Dionisopoulos, Tassos MD FRCSC. "Plastic and Reconstructive Surgery ():10.1097/ December 14, 2022.

THORACIC SURGERY

ACHIEVEMENTS



Dr. Lorenzo Ferri, Professor of Cardiothoracic Surgery, has been awarded a new 5-year grant as principal investigator from the **Canadian Cancer Society/CIHR Breakthrough Team** in the amount of \$7.5 million for his research entitled "**Overcoming Therapy Resistance in Gastro-esophageal Adenocarcinoma – a Trans Canada initiative**" with co-Principal Investigator **Swneke Bailey**.

Co-Investigators include Veena Sangwan, Jonathan Cools-Lartigue, Nick Bertos, J. Matt Kinsella (McGill), Morag Park (McGill), Pierre Fiset (McGill), Ioannis Ragoussis (McGill) Don Ingber (Harvard), Sui Huang (Institute for

Publications

- De Meo ML, Shahzad MH, **Spicer JD**. Visualizing NETosis [Using a Novel Neutrophil Extracellular Trap-Specific Marker](#). *Methods Mol Biol.* 2023;2614:71-80. doi: 10.1007/978-1-0716-2914-7_5. PMID: 36587119.
- Katz A, Nevo Y, Ramírez García Luna JL, Anchouche S, Tankel J, Caminsky N, **Mueller C, Spicer J, Cools-Lartigue J, Ferri L**. [Long-Term Quality of Life After Esophagectomy for Esophageal Cancer](#). *Ann Thorac Surg.* 2023 Jan;115(1):200-208. doi: 10.1016/j.athoracsur.2022.07.029. Epub 2022 Aug 2. PMID: 35926638.
- Tankel J, Söderström H, Reizine E, Artho G, Calderone A, **Mueller C, Najmeh S, Spicer J, Ferri L, Cools-Lartigue J**. [Change in Density Not Size of Esophageal Adenocarcinoma During Neoadjuvant Chemotherapy Is Associated with Improved Survival Outcomes](#). *J Gastrointest Surg.* 2022 Dec;26(12):2417-2425. doi: 10.1007/s11605-022-05422-w. Epub 2022 Oct 10. PMID: 36214951.
- Seely AJE, Ahmadzai Z, French DG, Gingrich M, Jones D, Anstee C, Safieddine N, Waddell TK, Malthaner R, **Ferri L, Finley C, Darling G**. [Multicentre positive deviance to reduce adverse events and length of stay after pulmonary resection](#). *BMJ Open Qual.* 2023 Jan;12(1):e001997. doi: 10.1136/bmjopen-2022-001997. PMID: 36669834; PMCID: PMC9872471.
- Flores-Torres S, Jiang T, Kort-Mascort J, Yang Y, Peza-Chavez O, Pal S, Mainolfi A, Pardo LA, **Ferri L, Bertos N, Sangwan V, Kinsella JM**. [Constructing 3D In Vitro Models of Heterocellular Solid Tumors and Stromal Tissues Using Extrusion-Based Bioprinting](#). *ACS Biomater Sci Eng.* 2023 Jan 4. doi: 10.1021/acsbomaterials.2c00998. Epub ahead of print. PMID: 36598339.
- Sherwinter DA, Boni L, Bouvet M, **Ferri L**, Hyung WJ, Ishizawa T, Kaleya RN, Kelly K, Kokudo N, Lanzarini E, Luyer MDP, Mitsumori N, **Mueller C**, Park DJ, Ribero D, Rosati R, Ruurda JP, Sosef M, Schneider-Koraith S, Spinoglio G, Strong V, Takahashi N, Takeuchi H, Wijnhoven BPL, Yang HK, Dip F, Lo Menzo E, White KP, Rosenthal RJ. [Use of fluorescence imaging and indocyanine green for sentinel node mapping during gastric cancer surgery: Results of an intercontinental Delphi survey](#). *Surgery.* 2022 Dec;172(6S):S29-S37. doi: 10.1016/j.surg.2022.06.036. PMID: 36427927; PMCID: PMC9720539.
- Al-Marzouki L, Stavrakos VS, Pal S, Giannias B, Bourdeau F, Rayes R, **Bertos N, Najmeh S, Spicer JD, Cools-Lartigue J, Bailey SD, Ferri L, Sangwan V**. [Soluble factors in malignant ascites promote the metastatic adhesion of gastric adenocarcinoma cells](#). *Gastric Cancer.* 2023 Jan;26(1):55-68. doi: 10.1007/s10120-022-01338-1. Epub 2022 Sep 4. PMID: 36059037.
- Chidambaram S, Patel NM, Sounderajah V, Alfieri R, Bonavina L, Cheong E, Cockbain A, D'Journo XB, **Ferri L**, Griffiths EA, Grimmering P, Gronnier C, Gutschow C, Hedberg J, Kauppila JH, Lagarde S, Low D, Nafteux P, Nieuwenhuijzen G, Nilsson M, Rosati R, Schroeder W, Smithers BM, van Berge Henegouwen MI, van Hillegeberg R, Watson DI, Vohra R, Maynard N, Markar SR. [Identifying a core symptom set triggering radiological and endoscopic investigations for suspected recurrent esophago-gastric cancer: a modified Delphi consensus process](#). *Dis Esophagus.* 2022 Dec 31;36(1):doac038. doi: 10.1093/dote/doac038. PMID: 35858213; PMCID: PMC9817822.
- Ubels S, Lubbers M, Verstegen MHP, Bouwense SAW, van Daele E, **Ferri L**, Gisbertz SS, Griffiths EA, Grimmering P, Hanna G, Hubka M, Law S, Low D, Luyer M, Merritt RE, Morse C, **Mueller CL**, Nieuwenhuijzen GAP, Nilsson M, Reynolds JV, Ribeiro U, Rosati R, Shen Y, Wijnhoven BPL, Klarenbeek BR, van Workum F, Rosman C. [Treatment of anastomotic leak after esophagectomy: insights of an international case vignette survey and expert discussions](#). *Dis Esophagus.* 2022 Dec 14;35(12):doac020. doi: 10.1093/dote/doac020. PMID: 35411928; PMCID: PMC9753084.

- Tanel J, Cools-Lartigue J. [Dual Image Navigation Aiding Segmentectomy for Early NSCLC: Feasible, but Useful?](#) Ann Surg Oncol. 2023 Feb;30(2):669-671. doi: 10.1245/s10434-022-12679-7. Epub 2022 Nov 15. PMID: 36380251.

UROLOGY

Program News and Events

At the Division of Urology annual Holiday party, the three chief residents: **Drs. Mohannad Alessa, Charles Hesswani, and Francis Petrella** won the first prize in the “Ugly Christmas sweater” contest for their festive holiday suits.

Resident Wellness Chalet Retreat- January 28-29 weekend.



The **Quebec Urological Association Semi-Annual Meeting** took place Feb 17-19 in Orford, Qc. **Dr. Ioana Fugaru**, resident representative for the Quebec Urological Association organized the resident presentation session “*Défis urologiques au quotidien.*” **Dr. Anne Yin** and medical student **Victoria Schouela** presented complex cases from the MUHC and the JGH.

To celebrate **Resident Appreciation Day**, the Division of Urology hosted a **Bowling Night** on Wednesday, February 22.

ACHIEVEMENTS



Dr. Simone Chevalier, Professor, McGill Urology Director of Research, Urology Division and Senior Scientist Leader of the Urologic Oncology Research Team Cancer Research Program RI-MUHC has co-authorship with **Dr Armen Aprikian** on three new publications on Prostate Cancer with our colleagues Dr Eric Levesque and Dr Chantal Guillemette from University of Laval.

Congrats!

Dr. Chevalier’s PhD candidate graduate student, **Ms. Samira Rahimirad** (co-supervisor Dr Armen Aprikian) obtained the **C. Epstein Fellowship in Woman’s Health Studentship** from the Faculty of Medicine and Health Sciences and received a **2023 RI-MUHC Studentship, PhD award.**

Publications

- [Extensive metabolic consequences of human glycosyltransferase gene knockouts in prostate cancer.](#) Rouleau M, Nguyen VLF, Turcotte V, Caron P, Lacombe L, Aprikian AG, Saad F, Carmel M, Chevalier S, Lévesque E, Guillemette C. Br J Cancer. Jan;128(2):285-296, 2023. PMID: 36347965 PMCID: PMC9902621 DOI: 10.1038/s41416-022-02040-w
- [UGT2B28 accelerates Prostate Cancer Progression through Stabilization of the Endocytic Adaptor Protein HIP1 regulating AR and EGFR pathways.](#) Lacombe L, Hovington H, Brisson H, Mehdi S, Beillevaire D, Wagner A, Villeneuve L, Simonyan D, Ouellet V, Barrès V, Latour M, Aprikian A, Bergeron A, Castonguay V, Couture F, Chevalier S, Brimo F, Fazli L, Fleshner N, Gleave M, Karakiewicz PI, Lattouf JB, Trudel D, van der Kwast T,

Mes-Masson AM, Pouliot F, Fradet Y, Audet-Walsh E, Saad F, Guillemette C, Lévesque E. *Cancer Lett.* Jan 28; 553: 215994, 2023. PMID: 36343786 DOI: 10.1016/j.canlet.2022.215994

- **Preoperative Circulating II-Oxygenated Androgens are Associated with Metastasis-free Survival in Localized Prostate Cancer.** Dhamani C, Caron P, Simonyan D, Lacombe L, Aprikian A, Saad F, Carmel M, Chevalier S, Lévesque E, Guillemette C. *J Urol*, Feb;209(2):337-346, 2023.

ACHIEVEMENTS



Cristian O'Flaherty, Full professor (CAS), Urology Division, Surgery Department, McGill University, co-authored a publication on sperm DNA methylome abnormalities in cancer survivors.



Dr David Labbé was recently awarded a £340,000, Operating Grant as a co-Investigator from the **World Cancer Research Fund** involving an international collaboration with Italy / Australia entitled: *Integrating tissue-based spatial information to elucidate how obesity-induced tumour metabolites drive prostate cancer progression*; PI: Zadra, G. (Research National Council), Co-I: Butler, L. (University of Adelaide).

Publications

- **Sperm DNA methylome abnormalities occur both pre- and post-treatment in men with Hodgkin disease and testicular cancer.** Donovan Chan, Kathleen Oros Klein, Antoni Riera-Escamilla, Csilla Krausz, **Cristian O'Flaherty**, Peter Chan, Bernard Robaire, Jacquetta M Trasler. *Clin Epigenetics.* 2023 Jan 7;15(1):5
- **SOCS1 deficiency promotes hepatocellular carcinoma via SOCS3-dependent CDKN1A induction and NRF2 activation.** Khan, MGM.; Boufaied, N., Yeganeh, M.; Kandhi, R.; Petkiewicz, S.; Sharma, A.; Yoshimura, A.; Ferbeyre, G.; **Labbé, DP.**; Ramanathan, S.; Ilangumaran, S. *Cancers* 15(3) (2023) 905 (doi: 10.3390/cancers15030905; January 31st, 2023).

UPCOMING EVENTS



Surgical Grand Rounds

March 30, 2023 - 7:30 to 8:30 AM

Speaker: Julian Falutz MD, FRCPC

Title: Frailty in elderly surgical patients: its impact, assessment, and management principles



Over the course of our centennial year, the Department of Surgery will be collecting and sharing the amazing stories about

April 27, 2023 - 7:30 to 8:30 AM

Speaker: Lawrence Lee, MD PhD

Title: Colon and Rectal Surgery

the many notable and exceptionally-talented individuals who have played a part in McGill's Department of Surgery over the past 100 years.

We invite you to reflect on your time and involvement at McGill, either as a former resident, fellow, graduate student, or faculty member and share a memory or story with us at officeofthechairsurgery.med@mcgill.ca.

REMINDER



Harvey Sigman, MD
Editor in Chief, Square Knot
Emeritus Professor of Surgery

The **Square Knot** represents a long and proud tradition of communicating valuable information to our alumni from all over the world going back 30 years! Consequently, every publication has been [archived](#), leading to a permanent collection of all the Square Knot publications and providing us with a treasured historical record of events in the Department of Surgery over that period.



After a recent pause, we are currently working on the next issue of the **Square Knot**, and we would love to hear from you. The next issue will be the **Winter-Spring 2023** issue, set for publication in May 2023.

Square Knot vs. Surgery eNews?

For those of you who need additional clarity on the difference between **Surgery eNews** and the **Square Knot**. The **Surgery eNewsletter** is meant to provide digestible bites of information in a timely fashion on a quarterly basis. The **SquareKnot** is considered more of a **magazine published biannually** that will provide more elaborate content and details on the brief bits of information we published in the **eNewsletter**, with additional features and articles on newsworthy items related to your portfolio, division, and group.

You can also consult previous issues to get ideas: <https://www.mcgill.ca/squareknot/archives>.

Please submit your **contributions to** Carolynna Olha at officeofthechairsurgery.surgery@mcgill.ca



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