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## 9) Recent Publications

[Dietary Intake Is Unlikely to Explain Symptom Severity and Syndrome-Specific Microbiome Alterations in a Cohort of Women with Fibromyalgia](#)

**Amir Minerbi**, Nicholas J. B. Brereton, Abraham Anjarkouchian, Audrey Moyen, Emmanuel Gonzalez, **Mary-Ann Fitzcharles**, **Yoram Shir** and Stéphanie Chevalier  
Int. J. Environ. Res. Public Health 2022, 19(6), 3254

[Multimodal prediction of pain and functional outcomes 6 months following total knee replacement: a prospective cohort study.](#)

Edwards RR, Campbell C, Schreiber KL, Meints S, Lazaridou A, **Martel MO**, Cornelius M, Xu X, Jamison RN, Katz JN, Carriere J, Khanuja HP, Sterling RS, Smith MT, Haythornthwaite JA.  
BMC Musculoskelet Disord. 2022 Mar 29;23(1):302.

[Content validation of a new measure of patient-reported barriers to antiretroviral therapy adherence, the I-Score: results from a Delphi study.](#)

Engler K, Vicente S, Mate KKV, Lessard D, **Ahmed S**, Lebouché B.  
J Patient Rep Outcomes. 2022 Mar 26;6(1):28

[Low back pain definitions: effect on patient inclusion and clinical profiles.](#)

Massé-Alarie H, Angarita-Fonseca A, Lacasse A, **Pagé MG**, Tétreault P, Fortin M, Léonard G, **Stone LS**, Roy JS.  
Pain Rep. 2022 Mar 22;7(2):e997.

[Interventions for physician prescribers of opioids for chronic non-cancer pain: protocol for an overview of systematic reviews](#)

Erica Wennberg, Sarah B Windle, Kristian B Filion, Genevieve Gore, Brett D Thombs, **Irina Kudrina**, Elena Paraskevopoulos, **Marc O Martel**, Jonathan Kimmelman, Sonia Johnson, Andrew Taylor, Mark J Eisenberg  
BMJ Open. 2022 Mar 31;12(3):e060964.

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### **QLS Seminar: the Riddle of Dopamine**

The Qualitative Life Sciences & Medicine Seminar series will feature Sam Gershman (Harvard) talking on the “Riddle of Dopamine”. A widely accepted story about dopamine is that it reports reward prediction errors. The real story is more complicated. Some aspects of dopamine that appear incompatible with the prediction error hypothesis are in fact perfectly compatible when we look through the right theoretical lens. Other aspects of dopamine force us to rethink its computational function more fundamentally.

***The talk will be on Tuesday, April 12<sup>th</sup>, from 12-1pm via Zoom:***

<https://mcgill.zoom.us/j/85428056343>

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Pain in Space: more press coverage on the AX-1 mission to the ISS and the research on pain being performed while there.

[CBC](#), Nicole Mortillaro, 08 Apr 2022, "Meet the Canadian who blasted off in the first civilian mission to the International Space Station"

[Globe and Mail](#), Ivan Semeniuk, 08 Apr 2022, "Canadian Mark Pathy set to make history in commercial flight to space station."

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[Catheter-guided multilevel epidural blood patches in an adolescent boy.](#)

Walfish L, Alobaikan S, Lahijanian Z, Saint-Martin C, Cortes Nino MD, **Ingelmo PM**.  
Reg Anesth Pain Med. 2022 Mar 31:rapm-2022-103487. doi: 10.1136/rapm-2022-103487

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1. [Special Updates](#)
2. [Journal Club](#)
3. [Frontiers in Pain](#)
4. [Other Lectures of Interest](#)
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6. [Upcoming Events](#)
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- **Journal Club: April 28<sup>th</sup>.**

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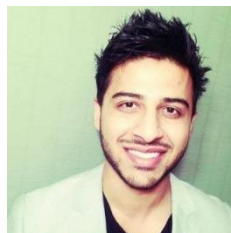
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**AEPMU Interventional Rounds:**

**Waleed Janjua MD**  
**"Carpal Tunnel Syndrome for the Pain Medicine Physician"**  
**25 April 2022 – 4:00 pm**



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## 8) AECRP in the News

***Pain in Space: more press coverage on the AX-1 mission to the ISS. The research is mentioned, but only in passing, and pain not at all.***

[Dailymail.com](#), Ryan Morrison, 14 April 2022, "First all-private astronaut crew begin science experiments on the ISS: Wealthy businessmen get down to work in space after paying \$55 million each for the ten day trip"

*If you have anything of interest, please send it in! [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca)*

## 9) Recent Publications

### [Brain charts for the human lifespan.](#)

Bethlehem RAI, Seidlitz J, White SR, Vogel JW .... **Vachon-Preseau É**, et al.  
Nature. 2022 Apr 6.

### [Single-Cell RNA-Seq Analysis of Cells from Degenerating and Non-Degenerating Intervertebral Discs from the Same Individual Reveals New Biomarkers for Intervertebral Disc Degeneration](#)

Hosni Cherif, Matthew Mannarino, Alain Sarabia Pacis, Jiannis Ragoussis, Oded Rabau, **Jean A. Ouellet** and **Lisbet Haglund**  
Int J Mol Sci. 2022 Apr 3;23(7):3993.

### [Standardized Cannabis Smoke Extract Induces Inflammation in Human Lung Fibroblasts.](#)

Aloufi N, Namkung Y, Traboulsi H, Wilson ET, Laporte SA, Kaplan BLF, Ross MK, Nair P, Eidelman DH, **Baglole CJ**.  
Front Pharmacol. 2022 Mar 28;13:852029.

### [Long-term male-specific chronic pain via telomere- and p53-mediated spinal cord cellular senescence.](#)

Muralidharan A, Sotocinal SG, Yousefpour N, Akkurt N, Lima LV, Tansley S, Parisien M, Wang C, Austin JS, Ham B, Dutra GM, Rousseau P, Maldonado-Bouchard S, Clark T, Rosen SF, Majeed MR, Silva O, Nejade R, Li X, Donayre Pimentel S, Nielsen CS, Neely GG, Autexier C, **Diatchenko L, Ribeiro-da-Silva A, Mogil JS**.  
J Clin Invest. 2022 Apr 15;132(8):e151817.

### [Profiling knowledge brokers in the rehabilitation sector across Canada: A descriptive study.](#)

Gaid D, **Ahmed S**, Thomas A, Bussi eres A.  
J Eval Clin Pract. 2022 Apr;28(2):303-314.

### [Radiosynthesis and \*In Vivo\* Evaluation of Four Positron Emission Tomography Tracer Candidates for Imaging of Melatonin Receptors.](#)

Bdair H, Singleton TA, Ross K, Jolly D, Kang MS, Aliaga A, Tuznik M, Kaur T, Yous S, Soucy JP, Massarweh G, Scott PJH, Koeppe R, Spadoni G, Bedini A, Rudko DA, **Gobbi G**, Benkelfat C, Rosa-Neto P, Brooks AF, Kostikov A.  
ACS Chem Neurosci. 2022 Apr 14

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To be included in this newsletter, please send announcements to [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) by Monday 12PM.

If you have something you'd like to submit to our future newsletter, please send your request to Ana Maria at [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) by Mondays at noon.

### **Table of Contents**

1. [Special Updates](#)
2. [Journal Club](#)
3. [Frontiers in Pain](#)
4. [Other Lectures of Interest](#)
5. [Upcoming Student Seminars](#)
6. [Upcoming Events](#)
7. [Career/Job Opportunities](#)
8. [Pain in the News](#)
9. [Recent Publications](#)

### **Upcoming:**

- **AEPMU Interventional rounds: April 25<sup>th</sup>.**
- **Journal Club: April 28<sup>th</sup>.**

## **1) Special Update**

### **Certificate in Chronic Pain Management**

Registration is open for next fall's online certificate program in chronic pain management. Organized by SPOT, the program is intended to give practicing healthcare professionals' enhanced knowledge for treating the patients that they may encounter in their practices. For more information or to apply consult their [website](#). Deadlines for international students is May 1<sup>st</sup> and for Canadian students, June 1<sup>st</sup>.

## **2) Journal Club**

### **ZOOM**

Thursdays 9:30-11:00

**Presenters should send their article to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca) the Monday before presenting**

Date	Presenting Lab
28 Apr	AEPMU

Paper Selection: Presenters are encouraged to select a recent, high-impact, pain-related paper that they find interesting!

### 3) Frontiers in Pain Research

*Frontiers in Pain, Basic Science Lectures and Pain Day Events 2021- 2022:* **save the dates!!**

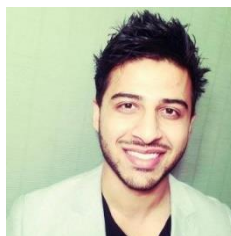
DATE	SPEAKER	TITLE	HOST	LOCATION
<b>2022</b>				
May - 18	<a href="#">Sebastien Talbot, PhD</a> Tier-2 Canada Research Chair, Chair in Neuro-Immunology University of Montreal	<i>" Pain neurons control cancer immunosurveillance "</i>	Arkady Khoutorsky	<a href="#">ZOOM</a> 4:00 PM

For information, contact  
Ana Maria Alvarez – [ana.avarez@mcgill.ca](mailto:ana.avarez@mcgill.ca) (514-398-8975)

### 4) Other Lectures of Interest

**AEPMU Interventional Rounds:**

**Waleed Janjua MD**  
**"Carpal Tunnel Syndrome for the Pain Medicine Physician"**  
**25 April 2022 – 4:00 pm**



Register [HERE](#)

After registering, you will receive a confirmation email containing information about joining the meeting.

Contact: Rebecca Binik

Organization: The Alan Edwards Pain Management Unit  
Email: [rebecca.binik@mcgill.ca](mailto:rebecca.binik@mcgill.ca)  
Website: <https://www.mcgill.ca/paincentre/>

## **5) Upcoming Student Seminars**

### **PAINtalks 2022**

PAINtalks 2022 is happening on Nov 3<sup>rd</sup>, 2022. This year it will be held here in Montreal. Space is limited, so you need to apply to make the show! The application [portal](#) opens April 25<sup>th</sup>.

### **World Congress on Pain – Late Breaking Posters**

IASP has announced a late breaking poster submission process. You have until June 3<sup>rd</sup>, 23:59 EST, to submit a poster abstract for the meeting if you have not done so already. For more information or to submit, visit their [website](#) and click on the “submit your late-breaking poster abstract” button.

### **FMHS Internal Financial Support**

McGill’s FMHS provides support to both PDFs and graduate students. Applications for both must be received by Monday, May 2<sup>nd</sup>, 2022, at 4 pm Eastern.

Applications must be made electronically via these portals:

[Internal graduate student support](#)  
[PDF fellowships](#)

### **John J. Bonica Trainee Fellowship**

The Bonica Fellowship, offered by the IASP in memory of its founder, has a stipend support of up to \$50,000US for 2 years. It will support either clinical or basic science research being undertaken by the trainee under the supervision of the mentor of their choice. One stipulation is, however, the trainee should not already be working with the proposed mentor at the time of application. Another is that you must have your PhD (or equivalent) completed before starting the Fellowship. For more information or to apply, visit their [website](#). Deadline to apply is May 19<sup>th</sup>, 2022.

## 6) Upcoming Events

### **NY Acad of Science – Advances in Pain meeting May 2022**

On May 3<sup>rd</sup>-4<sup>th</sup>, 2022, the New York Academy of Science is holding a meeting, Advances in Pain, in NYC. Abstracts for short talks, posters, and travel fellowships are due March 8th. Keynote speakers are David Julius (UCSF) and David Bennett (Oxford). For the full agenda and more information, visit [www.nyas.org/Pain2022](http://www.nyas.org/Pain2022).

### **CPS ASM – Montreal, 10-13 May 2022**

Registration for the CPS ASM, to be held here LIVE (following COVID protocols in place at that time) in Montreal, has now opened. Don't miss out on this opportunity to meet and reconnect with your colleagues from across Canada on May 10<sup>th</sup> to 13<sup>th</sup>. Keynote speakers at this year's event include Maria Fitzgerald (UCL), Allan Basbaum (UCSF) and Nanna Brix Finnerup (Aarhus). To register, visit their [website](#).

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## 7) Career/Job Opportunities

### **CRIUGM PDF & PhD opportunities**

The Monchi/Rainville labs at the Centre de Recherche de l'Institut Universitaire de Gériatrie de Montréal (CRIUGM) are looking for postdocs and/or PhD candidates interested in a project to characterize pain processing in Parkinson's disease patients. The candidate should have a prior background in neuroimaging and/or human affective neuroscience. For more information, visit our [website](#)

### **PhD-student/PDF trainee, Haglund Lab**

The Haglund lab at the Montreal General Hospital is looking for a PhD student or PDF to work on a project evaluating senolytic drugs targeting multiple senescent anti-apoptotic pathways as potential treatment for low back pain. We are evaluating the effect of the drugs in patient samples and in animal models. Candidates should have a strong background in cell and molecular biology and/or animal pain behaviour.

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## 9) Recent Publications

[High incidence of potentially preventable emergency department visits after major elective colorectal surgery.](#)

Eustache J, Hopkins B, Trepanier M, Kaneva P, **Fiore JF Jr**, Fried GM, Feldman LS, Lee L.  
Surg Endosc. 2022 Apr;36(4):2653-2660.

[Advice for Dentists from Temporomandibular Disorder Patients: A Phenomenological Study](#)

Wafaa Safour, **Richard Hovey**  
J Can Dent Assoc 2022;88:m4

[Experience and Management of the Adverse Effects of Analgesics After Surgery: A Pediatric Patient Perspective](#)

Mandy M J Li, Cynthia L Larche, Kelsey Vickers, Marie Vigouroux, **Pablo M Ingelmo**, **Richard Hovey**, **Catherine E Ferland**  
J Patient Exp. 2022 Apr 7;9:23743735221092632.

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