

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:

- **PI Think Tank: Jan 11<sup>th</sup>,**
- **Journal Club: Jan 18<sup>th</sup>**
- **McGill Pain Day: Jan 25<sup>th</sup>**
- **Frontiers in Pain: Feb 21<sup>st</sup>**

## 1) Special Update

### YouTube Video program

We are constantly striving to raise our public profile, and one spoke of this effort is our YouTube channel. This is an open call to all trainees in the Centre. Science communication is an important skill, one that will only become increasingly important in the years to come. We would like to “host” short (5-6 minute) videos describing your research findings. Not only does this add to your “CV-able” skills, but also, we will pay you \$100 for the video.

Sound interesting? It is not as hard as you think. While there are a number of software solutions to select from, we recommend that you do this using PowerPoint, a program that you are undoubtedly familiar with. Create a PPTX file with an integrated audio file (of you narrating the slides). Once this finished, you save the presentation as a video (select File > Export > Create a Video > Select Video Quality > Use Recorded Timings and Narrations> Create Video), giving you an MP4 file that we can upload to YouTube.

The channel's main page is [here](#).

***The two latest videos were made by:***

- *Hannah Derue. It describes her review in [Neurobiology of Pain](#) on “Therapeutic Exercise Interventions in Rat Models of Arthritis.” The video may be watched [here](#).*
- *Xinyue Ma. It describes her paper in [J Neurosci](#) on “Modulation of SK Channels via calcium buffering tunes intrinsic excitability of parvalbumin interneurons in neuropathic pain: a computational and experimental investigation.” The video may be watched [here](#).*

To submit a video, send it to [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) with the subject title “YouTube Video Submission”.

## 2) Journal Club

Duff Building Room 208  
Thursdays 9:30-11:00

Winter 2024 schedule		
Date	Presenter Lab	Breakfast lab
18 Jan	Sharif-Naeini	Vachon-Pressseau
01 Feb	Krock	Séguéla
15 Feb	Khoutorsky	Ribeiro-da-Silva
29 Feb	Coderre	Meloto
14 Mar	Martel	Mogil
28 Mar	Roy	Zhang
11 Apr	Diatchenko	Grant
25 Apr	AEPMU	Vachon-Pressseau

Presenter Lab: They are encouraged to select a recent, high-impact, pain-related paper that they find interesting! Presenters should send their article to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca) the Monday before their event.

Breakfast Lab: They are responsible for the setting up of the room before the meeting starts and to start the coffee (so need to arrive at least 30 minutes ahead of time to do so), and for the clean-up of the room afterwards. All food and beverage items will be purchased by AECRP staff and will be available in the room first thing the morning of the event.

Participating Labs: These are labs who are active in the program. They agree to attend most meetings and to be responsible for at least one “presenter” and one “breakfast” session. The current list of participating labs is **Coderre, Diatchenko, Grant, Khoutorsky, Krock, Martel, Meloto, Mogil, Ribeiro-da-Silva, Roy, Séguéla, Sharif-Naeini, Vachon-Pressseau, Zhang**

Occasional Labs: Labs who do not wish to or cannot participate on a regular basis are still welcome to attend a particular session. As the papers are only announced the Monday before a Journal Club event, and only on the Journal Club listserv, it is advisable for those

who might be so interested to subscribe to that channel to keep themselves informed. If you want to participate in this event, send a request to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca), indicating the level of participation, you are interested in.

### 3) Frontiers in Pain Research

2024				
DATE	SPEAKER	TITLE	HOST	LOCATION
Jan 25 (Pain Day 2024)	<a href="#">Ted Price</a> Center for Advanced Pain Studies University of Texas	<i>“New insight into neuropathic pain mechanisms from human dorsal root ganglion studies”</i>	Arkady Khoutorsky	NRH
Feb 21	<a href="#">Melanie Noel</a> Alberta Children’s Pain Research Lab University of Calgary	<i>“Trauma and Pain: An Intergenerational Problem with Structural Solution”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Mar 20	<a href="#">Marco Loggia</a> Associate Professor Harvard Medical School Co-Director, Center for Integrative Pain Neuroimaging (CIPNI)	<i>“Neuroinflammatory signatures of human chronic pain”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Apr 24	<a href="#">Thiago Mattar Cunha</a> Medical School University of Sao Paulo	<i>“Decoding Meningeal Immune Cells’ Role in Neuropathic Pain”</i>	Arkady Khoutorsky	Duff Building Rm 208 4:00 – 5:15 pm

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

### 4) Other Lectures of Interest:

#### 2024 World Congress on Pain – Amsterdam

The next WCP will be held in Amsterdam from August 5<sup>th</sup> to 9<sup>th</sup>. [Registration](#) opens on Nov 15<sup>th</sup>. Early bird pricing saves you \$200 if you register before April 1<sup>st</sup>. [Poster abstract submission](#) and [financial aid opportunities](#) are now open. **The deadline to apply for both is 31 Jan 2024.**

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

### 5) Upcoming Student Seminars

#### Pain Centre Student Association

The PCSA is planning two new initiatives, and we’d like you to be involved. They are:

1. Student/Trainee “Work in Progress” Seminar Presentations: Details in the Google Form, this would be one Friday during lunch once per month, and food would be provided by the pain center! Sign up to present [here](#)
2. A trainee Peer Mentorship/Support Initiative: Sign up (for both mentor and mentee) [here](#)

Don't forget to join the [pain center slack workspace](#) and/or the [WhatsApp group](#) to facilitate the communication of announcements relevant to all trainees in the AECRP.

*Please invite the other students in your lab to join if they have not done so already!*

### **CPS Editorial Review Mentorship Program**

Peer review of manuscripts and grants is a constant part of an academics life. To assist those starting off, the CPS has instituted a mentorship program to allow trainees get practical experience in the review process through the Canadian Journal of Pain. If you are interested, consult this link of more information. Applications must be submitted to Dr. Gabrielle Pagé ([gabrielle.page@umontreal.ca](mailto:gabrielle.page@umontreal.ca)) prior to January 31, 2024.

### **CPS 2024 Postdoctoral Fellow Award**

The Canadian Pain Society (CPS) and the [Chronic Pain Centre of Excellence for Canadian Veterans](#) (CPCoE) are pleased to offer a Postdoctoral Fellow Award focused on ***clinical, health services or health policy research relevant to Veterans living with chronic pain***. This award includes support of \$70,000. There is one award available. The duration of this award is for one year. **Applications must be received by Jan 21<sup>st</sup>, 2024.** For more information and to apply, visit their [website](#).

### **Dentistry Research Day. 2024**

Dentistry's annual research day will be on April 24<sup>th</sup>, 2024. Trainees in the Faculty are invited to make either a poster or oral presentation at this event. To participate, you need to submit your abstract by Feb 16<sup>th</sup>, 2024. For instructions and to submit, visit this [link](#).

### **QPRN travel award funding for trainees.**

QPRN offers travel awards to assist trainees to attend scientific meetings. The next application period opens on Feb 5<sup>th</sup> and closes on Mar 15<sup>th</sup>. This will cover meetings held between Feb 1<sup>st</sup> and July 31<sup>st</sup>. A second competition will open on May 20<sup>th</sup> for meetings held between Aug 1<sup>st</sup> and Jan 31<sup>st</sup>, 2025. For more information and to apply, visit their [website](#).

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

## 6) Upcoming Events

### McGill Research Platforms Fest

On Jan 17<sup>th</sup>, 2024, Medicine will be organizing its first “Fest” to celebrate/promote/raise awareness of the extensive collection of [Research Platforms](#) that are available at McGill. What do you need? Bio imaging? Computational Genomics? Developing a new animal model? McGill has some of the world leaders in these fields and more. This day-long event show cases what is available and creates a forum in which “those who do it” and “those who need it” can meet, talk shop, and find a way forward.

**Date:** Wednesday, January 17th, 2024, from 10:30AM – 5:00PM

**Location:** Bellini Life Science Complex (Ground Floor)

Please kindly RSVP using the following webform: <https://forms.office.com/r/6FcQcNXtxf>

### McGill OSR: CIHR Project Grants info session

OSR will hold a Zoom meeting on Jan 22, 2024, between 10 am and 12 noon, for the upcoming CIHR Project Grant competition. The system is constantly evolving, so if you are applying, this is a good opportunity to learn about recent changes and requirements and to ask any questions that you might have. You will need to register/RSVP in order to be put on the list and receive the Zoom link when it is ready. **You must register to attend using this link by January 18<sup>th</sup>.**

A reminder: you must register to apply to the Program Grant program. The deadline for this is Feb 7<sup>th</sup>, 2024, with the full application being submitted on March 6<sup>th</sup>, 2024. See the Research Net “[funding opportunity](#)” page for more details. In addition to these requirements, your faculty or institution may have additional dates that you should inform yourself on.

### MI4-Pathy Seed Fund Grant Competition

The overarching goal of MI4 is to bring together investigators from across the McGill community and its partners to foster interdisciplinary research. With a refocusing of its scope, MI4 supports efforts to discover, develop and implement innovative solutions for microbial threats to human health across the lifespan.

All proposals must be aligned with one of the following three broad thematic areas:

- Pandemic Threats
- Antimicrobial Resistance
- Microbes that Shape Human Health

**The deadline to apply has been extended to Jan 12<sup>th</sup>, 2024.** For more information and to apply, visit this [link](#).

## **Brain Canada/Weizmann Institute joint funding.**

This joint program is intended to foster collaborations between investigators in Canada and Israel. The scope of the program includes:

- Basic research into fundamental properties and mechanisms, including functional studies based on the use of “-omics” data.
- Projects related to disease or dysfunction of the nervous system leading to new insights into fundamental biological mechanisms.
- Projects that experimentally test novel hypotheses addressing therapeutic or interventional approaches for brain disorders.
- Projects aimed at developing novel methods, if these methods allow new neuroscience questions to be answered.
- Projects, such as those using epidemiological, “-omics”, or other approaches, that will generate large datasets, if hypotheses are clearly stated

They expect to award 3 grants of up to \$500,00CAD each over two years. For more information or to apply, consult this [weblink](#). Registration (required) has a deadline of Feb 8<sup>th</sup>, with a full application (by invitation only) due on April 11<sup>th</sup>.

## **QPRN funding for PIs.**

There are two programs of potential interest to QPRN PI members from the Centre:

- The annual [Pilot Projects](#) program. The program opens on Feb 5<sup>th</sup>, 2024, with submissions due by March 15<sup>th</sup>.
- [Event Support](#) Program. To help organize/conduct scientific meetings related to pain. There is no fixed submission date for this program, but it should be kept in mind for when you are organizing events.

## **CPS Art Awards**

The theme for this year’s Art Awards is “Shared Horizons: Beyond Awareness to Action”. You can submit your art to one of four categories; *Scientific Visualizations* (e.g., MRI, Microscopy), *Classical Art Forms* (e.g., Illustrations, Paintings), *Photographic and Video Captures*, and *AI-Driven Innovations*.

The top 5 entries from each category, as determined by members' votes, will be showcased in printed format by the Awards Committee and prominently displayed during our Annual Scientific Meeting in Ottawa. For more information and to register, visit their [website](#). Deadline to apply is March 10<sup>th</sup>, 2024.

## **McGill Clinical Innovations Platform Competition**

This competition provides monetary awards to help develop medically related innovations and to help with business development/startups. Success rates are ~20% overall and 40% among the shortlisted innovation teams.

More information will be available early in 2024. They will require a business plan to be submitted by April 15<sup>th</sup>, and will hold a live “pitch” event on May 16<sup>th</sup>. Training sessions to teach you how to write a business plan will be offered in Winter 2024.

If you'd like to be added to their mailing list for this opportunity, register with them using this email address [HERE](#)

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

## **7) Career/Job Opportunities**

### **Velly Lab Openings**

Dr Ana Velly (Jewish General) is looking for a research coordinator for human clinical research. Duties will include coordinating with site PIs, managing documentary needs (ethics, Health Canada, etc.) and assisting with manuscripts and presentations. If this sounds like you, email [ana.velly@mcgill.ca](mailto:ana.velly@mcgill.ca). For more information, see the full notice on our [website](#).

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

The laboratories of Oury Monchi (PCAN) and Pierre Rainville (LaNeP3) are looking for a Postdoctoral Fellow with prior training in neuroimaging. The successful candidate will work on a project that aims to characterize pain processing in patients with Parkinson's disease (PD) with and without pain using clinical, behavioural, physiological, and neuroimaging data. For more information, visit our [website](#)

*If you have any job vacancies, please send it in! [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca)*

## **8) AECRP in the News**

The paper in the [Eur J Psychotraumatol](#), in which Tim & Laura are involved, makes the news.

[McGill News Room](#), 20 Dec 2023, Childhood trauma increases risk of chronic pain in adulthood.

[Medical X Press](#), 19 Dec 2023, Childhood trauma increases risk of chronic pain in adulthood, according to new research.

[Times of India](#), 19 Dec 2023, Researchers reveal childhood trauma raises risk of chronic pain.

[Jerusalem Post](#), 19 Dec 2023, Childhood trauma and chronic pain are linked, concerning study finds.



[News24Online](#), 20 Dec 2023, Study Shows Childhood Trauma Increases Risk Of Chronic Pain In Adulthood.

[EurekAlert!](#) AAAS, 19 Dec 2023, Childhood trauma increases risk of chronic pain in adulthood, research to-date highlights.

[US News](#), 20 Dec 2023, Childhood Trauma Could Raise Odds for Adult Physical Pain.

[Pain News](#), Pat Anson, 20 Dec 2023, Childhood Trauma Raises Risk of Chronic Pain in Adults by 45%.

[New Atlas](#), Paul McClure, 21 Dec 2023, Adult chronic pain 45% more likely after childhood trauma, study finds.

[Health Day](#), Lori Solomon, 22 Dec 2023, Exposure to Any Adverse Childhood Experience Tied to Later Pain Disorders.

[RCI – Radio Canada](#), 20 Dec 2023, Traumatisme dans l'enfance, douleur chronique à l'âge adulte.

[Forbes](#), Anuradha Varanasi, 26 Dec 2023, Childhood Trauma Linked To 45% Greater Risk Of Chronic Pain In Adulthood.

[Futurity](#), Keila Depape-McGill, 26 Dec 2023, Childhood trauma ups risk of chronic pain later.

[Nation](#), Hellen Shikanda, 05 Jan 2024, How trauma will affect your child when they grow up.

This paper from [Drug Safety](#), involving **Mark, and Marc O**, has received some press coverage.

[Norml](#), 04 Jan 2024, Analysis: Few Serious Adverse Events Associated With Medical Cannabis Use

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

## 9) Recent Publications

[Pain Experience and Sensory Changes in Astronauts During and After Short-Lasting Commercial Spaceflight: A Proof-of-Concept Study.](#)

Sauer AK, Vigouroux M, Dougherty PM, Cata JP, **Ingelmo PM**.  
J Pain Res. 2023 Dec 11;16:4253-4266.

[A step towards better understanding chronic overlapping pain conditions.](#)

**Fitzcharles MA**, Cohen SP, Häuser W.  
Pain. 2023 Nov 30.



[Adverse childhood experience is associated with an increased risk of reporting chronic pain in adulthood: a systematic review and meta-analysis.](#)

Bussi eres A, Hancock MJ, Elklit A, Ferreira ML, Ferreira PH, **Stone LS, Wideman TH**, Boruff JT, Al Zoubi F, Chaudhry F, Tolentino R, Hartvigsen J.  
Eur J Psychotraumatol. 2023;14(2):2284025.

[The Contribution of Insomnia and Obstructive Sleep Apnea on the Transition from Acute to Chronic Painful Temporomandibular Disorders and their Persistence: A Prospective 3-Month Cohort Study.](#)

Elsaraj SM, Gornitsky M, **Hovey R**, Samim F, **Der Khatchadourian Z, Velly A**.  
Can J Pain. 2023 Nov 28;7(2):2266738.

[Predictive Factors for Successful Same-Day Discharge Following Minimally Invasive Colectomy and Stoma Reversal.](#)

Paradis T, Robitaille S, Wang AY, Gervais C, Liberman AS, Charlebois P, Stein BL, **Fiore JF Jr**, Feldman LS, Lee L.  
Dis Colon Rectum. 2023 Dec 21.

[The impact of patient activation on the effectiveness of digital health remote post-discharge follow-up and same-day-discharge after elective colorectal surgery.](#)

Paradis T, Robitaille S, Dumitra T, Liberman AS, Charlebois P, Stein BL, **Fiore JF Jr**, Feldman LS, Lee L.  
Surg Endosc. 2023 Dec 19.

[Enhanced recovery protocols in trauma and emergency abdominal surgery: a scoping review.](#)

Uchino H, Nguyen-Powanda P, Tokuno J, Kouyoumdjian A, **Fiore JF Jr**, Grushka J.  
Eur J Trauma Emerg Surg. 2023 Dec;49(6):2401-2412

[CD163+ macrophages monitor enhanced permeability at the blood-dorsal root ganglion barrier.](#)

Lund H, Hunt MA, Kurtovi c Z, Sandor K, K agy PB, Fereydouni N, Julien A, G oritz C, Vazquez-Liebanas E, Andaloussi M ae M, Jurczak A, Han J, Zhu K, Harris RA, Lampa J, Graversen JH, Etzerodt A, **Haglund L**, Yaksh TL, Svensson CI.  
J Exp Med. 2024 Feb 5;221(2):e20230675.

[Effect of video-based self-reflection on intraoperative skills: A pilot randomized controlled trial.](#)

Balvardi S, Kaneva P, Semsar-Kazerooni K, Vassiliou M, Al Mahroos M, Mueller C, **Fiore JF Jr**, Schwartzman K, Feldman LS.  
Surgery. 2023 Dec 27:S0039-6060(23)00894-2.

[Injectable hydrogel induces regeneration of naturally degenerate human intervertebral discs in a loaded organ culture model.](#)

Cherif H, Li L, Snuggs J, Li X, Sammon C, Li J, Beckman L, **Haglund L**, Maitre CLL.  
Acta Biomater. 2023 Dec 29:S1742-7061(23)00754-7.

[Females with painful temporomandibular disorders present higher intracortical facilitation relative to pain-free controls.](#)

Herrero Babiloni A, Jodoin M, Provost C, Charlebois-Plante C, De Koninck BP, Apinis-Deshaies A, **Lavigne GJ**, De Beaumont L.  
Clin Oral Investig. 2023 Dec 22;28(1):12.

[Peripheral clock gene oscillations are perturbed in neonatal and adult rat offspring raised under adverse limited bedding conditions.](#)

**Walker CD**, Delorme TC, Kiessling S, Long H, Cermakian N.  
Sci Rep. 2023 Dec 21;13(1):22886.

[E-cigarette exposure causes early pro-atherogenic changes in an inducible murine model of atherosclerosis.](#)

Alakhtar B, Guilbert C, Subramaniam N, Caruana V, Makhani K, **Baglole CJ**, Mann KK.  
Front Toxicol. 2023 Dec 18;5:1244596.

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

If you are alumni and would no longer like to receive AECRP emails, please email Ana Maria at [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) from the subscribed email account with the subject line "remove".

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:**

- **Journal Club: Jan 18<sup>th</sup>**
- **McGill Pain Day: Jan 25<sup>th</sup>**
- **PI Think Tank: Feb 8<sup>th</sup>,**
- **Frontiers in Pain: Feb 21<sup>st</sup>**

## **1) Special Update**

### **YouTube Video program**

We are constantly striving to raise our public profile, and one spoke of this effort is our YouTube channel. This is an open call to all trainees in the Centre. Science communication is an important skill, one that will only become increasingly important in the years to come. We would like to “host” short (5-6 minute) videos describing your research findings. Not only does this add to your “CV-able” skills, but also, we will pay you \$100 for the video.

Sound interesting? It is not as hard as you think. While there are a number of software solutions to select from, we recommend that you do this using PowerPoint, a program that you are undoubtedly familiar with. Create a PPTX file with an integrated audio file (of you narrating the slides). Once this finished, you save the presentation as a video (select File > Export > Create a Video > Select Video Quality > Use Recorded Timings and Narrations> Create Video), giving you an MP4 file that we can upload to YouTube.

The channel's main page is [here](#).

***The two latest videos were made by:***

- *Hannah Derue. It describes her review in [Neurobiology of Pain](#) on “Therapeutic Exercise Interventions in Rat Models of Arthritis.” The video may be watched [here](#).*
- *Xinyue Ma. It describes her paper in [J Neurosci](#) on “Modulation of SK Channels via calcium buffering tunes intrinsic excitability of parvalbumin interneurons in neuropathic pain: a computational and experimental investigation.” The video may be watched [here](#).*

To submit a video, send it to [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) with the subject title “YouTube Video Submission”.

## 2) Journal Club

Duff Building Room 208  
Thursdays 9:30-11:00

Winter 2024 schedule		
Date	Presenter Lab	Breakfast lab
18 Jan	Sharif-Naeini	Vachon-Pressseau
01 Feb	Krock	Séguéla
15 Feb	Khoutorsky	Ribeiro-da-Silva
29 Feb	Coderre	Meloto
14 Mar	Martel	Mogil
28 Mar	Roy	Zhang
11 Apr	Diatchenko	Grant
25 Apr	AEPMU	Vachon-Pressseau

Presenter Lab: They are encouraged to select a recent, high-impact, pain-related paper that they find interesting! Presenters should send their article to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca) the Monday before their event.

Breakfast Lab: They are responsible for the setting up of the room before the meeting starts and to start the coffee (so need to arrive at least 30 minutes ahead of time to do so), and for the clean-up of the room afterwards. All food and beverage items will be purchased by AECRP staff and will be available in the room first thing the morning of the event.

Participating Labs: These are labs who are active in the program. They agree to attend most meetings and to be responsible for at least one “presenter” and one “breakfast” session. The current list of participating labs is **Coderre, Diatchenko, Grant, Khoutorsky, Krock, Martel, Meloto, Mogil, Ribeiro-da-Silva, Roy, Séguéla, Sharif-Naeini, Vachon-Pressseau, Zhang**

Occasional Labs: Labs who do not wish to or cannot participate on a regular basis are still welcome to attend a particular session. As the papers are only announced the Monday before a Journal Club event, and only on the Journal Club listserv, it is advisable for those

who might be so interested to subscribe to that channel to keep themselves informed. If you want to participate in this event, send a request to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca). indicating the level of participation, you are interested in.

### 3) Frontiers in Pain Research

2024				
DATE	SPEAKER	TITLE	HOST	LOCATION
Jan 25 ( <i>Pain Day 2024</i> )	<a href="#">Ted Price</a> Center for Advanced Pain Studies University of Texas	<i>“New insight into neuropathic pain mechanisms from human dorsal root ganglion studies”</i>	Arkady Khoutorsky	NRH
Feb 21	<a href="#">Melanie Noel</a> Alberta Children’s Pain Research Lab University of Calgary	<i>“Trauma and Pain: An Intergenerational Problem with Structural Solution”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Mar 20	<a href="#">Marco Loggia</a> Associate Professor Harvard Medical School Co-Director, Center for Integrative Pain Neuroimaging (CIPNI)	<i>“Neuroinflammatory signatures of human chronic pain”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Apr 24	<a href="#">Thiago Mattar Cunha</a> Medical School University of Sao Paulo	<i>“Decoding Meningeal Immune Cells’ Role in Neuropathic Pain”</i>	Arkady Khoutorsky	Duff Building Rm 208 4:00 – 5:15 pm

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

### 4) Other Lectures of Interest:

#### Dr. Hirsh Rosenfeld Distinguished Public Lecture

On May 7<sup>th</sup>, 2024, Mark Ware will be giving this lecture, a joint program between the Dept of Family Medicine and the St James Literary Society. It is a public talk on the subject of “The Challenge of Pain” aimed at the general public. The talk will take place at 5858 Cote-des-Neiges on the 3<sup>rd</sup> Floor. For more information concerning the talk and for registration details, consult the [website](#).

#### 2024 World Congress on Pain – Amsterdam

The next WCP will be held in Amsterdam from August 5<sup>th</sup> to 9<sup>th</sup>. [Registration](#) opens on Nov 15<sup>th</sup>. Early bird pricing saves you \$200 if you register before April 1<sup>st</sup>. [Poster abstract submission](#) and [financial aid opportunities](#) are now open. **The deadline to apply for both is 31 Jan 2024.**

## CPS Annual Meeting – Late Breaking Abstracts

The CPS has opened the “Late Breaking Abstracts” submission portal. For information and to submit, visit this [website](#). Deadline to submit is Feb 9<sup>th</sup>, midnight, ET.

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

## 5) Upcoming Student Seminars

### Pain Centre Student Association

The PCSA is planning two new initiatives, and we'd like you to be involved. They are:

1. Student/Trainee “Work in Progress” Seminar Presentations: Details in the Google Form, this would be one Friday during lunch once per month, and food would be provided by the pain center! Sign up to present [here](#)
2. A trainee Peer Mentorship/Support Initiative: Sign up (for both mentor and mentee) [here](#)

Don't forget to join the [pain center slack workspace](#) and/or the [WhatsApp group](#) to facilitate the communication of announcements relevant to all trainees in the AECRP.

*Please invite the other students in your lab to join if they have not done so already!*

### CPS Editorial Review Mentorship Program

Peer review of manuscripts and grants is a constant part of an academics life. To assist those starting off, the CPS has instituted a mentorship program to allow trainees get practical experience in the review process through the Canadian Journal of Pain. If you are interested, consult this link of more information. Applications must be submitted to Dr. Gabrielle Pagé ([gabrielle.page@umontreal.ca](mailto:gabrielle.page@umontreal.ca)) prior to January 31, 2024.

### CPS 2024 Postdoctoral Fellow Award

The Canadian Pain Society (CPS) and the [Chronic Pain Centre of Excellence for Canadian Veterans](#) (CPCoE) are pleased to offer a Postdoctoral Fellow Award focused on ***clinical, health services or health policy research relevant to Veterans living with chronic pain***. This award includes support of \$70,000. There is one award available. The duration of this award is for one year. **Applications must be received by Jan 21<sup>st</sup>, 2024.** For more information and to apply, visit their [website](#).

## Dentistry Research Day. 2024

Dentistry's annual research day will be on April 24<sup>th</sup>, 2024. Trainees in the Faculty are invited to make either a poster or oral presentation at this event. To participate, you need to submit your abstract by Feb 16<sup>th</sup>, 2024. For instructions and to submit, visit this [link](#).

### QPRN travel award funding for trainees.

QPRN offers travel awards to assist trainees to attend scientific meetings. The next application period opens on Feb 5<sup>th</sup> and closes on Mar 15<sup>th</sup>. This will cover meetings held between Feb 1<sup>st</sup> and July 31<sup>st</sup>. A second competition will open on May 20<sup>th</sup> for meetings held between Aug 1<sup>st</sup> and Jan 31<sup>st</sup>, 2025. For more information and to apply, visit their [website](#).

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

## 6) Upcoming Events

### McGill Research Platforms Fest

On Jan 17<sup>th</sup>, 2024, Medicine will be organizing its first "Fest" to celebrate/promote/raise awareness of the extensive collection of [Research Platforms](#) that are available at McGill. What do you need? Bio imaging? Computational Genomics? Developing a new animal model? McGill has some of the world leaders in these fields and more. This day-long event show cases what is available and creates a forum in which "those who do it" and "those who need it" can meet, talk shop, and find a way forward.

**Date:** Wednesday, January 17th, 2024, from 10:30AM – 5:00PM

**Location:** Bellini Life Science Complex (Ground Floor)

Please kindly RSVP using the following webform: <https://forms.office.com/r/6FcQcNXtxf>

### McGill OSR: CIHR Project Grants info session

OSR will hold a Zoom meeting on Jan 22, 2024, between 10 am and 12 noon, for the upcoming CIHR Project Grant competition. The system is constantly evolving, so if you are applying, this is a good opportunity to learn about recent changes and requirements and to ask any questions that you might have. You will need to register/RSVP in order to be put on the list and receive the Zoom link when it is ready. **[You must register to attend using this link by January 18<sup>th</sup>.](#)**

A reminder: you must register to apply to the Program Grant program. The deadline for this is Feb 7<sup>th</sup>, 2024, with the full application being submitted on March 6<sup>th</sup>, 2024. See the Research Net "[funding opportunity](#)" page for more details. In addition to these requirements, your faculty or institution may have additional dates that you should inform yourself on.



## **Brain Canada/Weizmann Institute joint funding.**

This joint program is intended to foster collaborations between investigators in Canada and Israel. The scope of the program includes:

- Basic research into fundamental properties and mechanisms, including functional studies based on the use of “-omics” data.
- Projects related to disease or dysfunction of the nervous system leading to new insights into fundamental biological mechanisms.
- Projects that experimentally test novel hypotheses addressing therapeutic or interventional approaches for brain disorders.
- Projects aimed at developing novel methods, if these methods allow new neuroscience questions to be answered.
- Projects, such as those using epidemiological, “-omics”, or other approaches, that will generate large datasets, if hypotheses are clearly stated

They expect to award 3 grants of up to \$500,00CAD each over two years. For more information or to apply, consult this [weblink](#). Registration (required) has a deadline of Feb 8<sup>th</sup>, with a full application (by invitation only) due on April 11<sup>th</sup>.

## **QPRN funding for PIs.**

There are two programs of potential interest to QPRN PI members from the Centre:

- The annual [Pilot Projects](#) program. The program opens on Feb 5<sup>th</sup>, 2024, with submissions due by March 15<sup>th</sup>.
- [Event Support](#) Program. To help organize/conduct scientific meetings related to pain. There is no fixed submission date for this program, but it should be kept in mind for when you are organizing events.

## **CPS Art Awards**

The theme for this year's Art Awards is “Shared Horizons: Beyond Awareness to Action”. You can submit your art to one of four categories; *Scientific Visualizations* (e.g., MRI, Microscopy), *Classical Art Forms* (e.g., Illustrations, Paintings), *Photographic and Video Captures*, and *AI-Driven Innovations*.

The top 5 entries from each category, as determined by members' votes, will be showcased in printed format by the Awards Committee and prominently displayed during our Annual Scientific Meeting in Ottawa. For more information and to register, visit their [website](#). Deadline to apply is March 10<sup>th</sup>, 2024.

## **McGill Clinical Innovations Platform Competition**

This competition provides monetary awards to help develop medically related innovations and to help with business development/startups. Success rates are ~20% overall and 40% among the shortlisted innovation teams.

More information will be available early in 2024. They will require a business plan to be submitted by April 15<sup>th</sup>, and will hold a live “pitch” event on May 16<sup>th</sup>. Training sessions to teach you how to write a business plan will be offered in Winter 2024.

If you'd like to be added to their mailing list for this opportunity, register with them using this email address [HERE](#)

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

## **7) Career/Job Opportunities**

### **Velly Lab Openings**

Dr Ana Velly (Jewish General) is looking for a research coordinator for human clinical research. Duties will include coordinating with site PIs, managing documentary needs (ethics, Health Canada, etc.) and assisting with manuscripts and presentations. If this sounds like you, email [ana.velly@mcgill.ca](mailto:ana.velly@mcgill.ca). For more information, see the full notice on our [website](#).

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

The laboratories of Oury Monchi (PCAN) and Pierre Rainville (LaNeP3) are looking for a Postdoctoral Fellow with prior training in neuroimaging. The successful candidate will work on a project that aims to characterize pain processing in patients with Parkinson's disease (PD) with and without pain using clinical, behavioural, physiological, and neuroimaging data. For more information, visit our [website](#)

*If you have any job vacancies, please send it in! [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca)*

## **8) AECRP in the News**

The paper in the [Eur J Psychotraumatol](#), in which **Tim & Laura** are involved, makes the news.

[India Education Diary](#), 09 Jan 2023, Study Reveals Link Between Childhood Trauma And Higher Risk Of Chronic Pain In Adulthood: Understanding The Connection For Improved Health Care

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

## 9) Recent Publications

[Co-designing a Canadian adaptation of a lifestyle-oriented intervention aimed to improve daily functioning of individuals living with chronic pain: a multi-method study protocol of REVEAL\(OT\) Canada.](#)

Masse J, Nielsen SS, Christensen JR, Skou ST, Côté J, **Saunders S**, Lagueux É, Boulanger A, **Perez-Martinez J**, Lussier M, **Pagé MG**.  
Front Rehabil Sci. 2023 Nov 24;4:1281680.

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

If you are alumni and would no longer like to receive AECRP emails, please email Ana Maria at [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) from the subscribed email account with the subject line “remove”.

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:

- **McGill Pain Day: Jan 25<sup>th</sup>**
- **Journal Club: Feb 1<sup>st</sup>**
- **PI Think Tank: Feb 8<sup>th</sup>,**
- **Frontiers in Pain: Feb 21<sup>st</sup>**

## 1) Special Update

### YouTube Video program

We are constantly striving to raise our public profile, and one spoke of this effort is our YouTube channel. This is an open call to all trainees in the Centre. Science communication is an important skill, one that will only become increasingly important in the years to come. We would like to “host” short (5-6 minute) videos describing your research findings. Not only does this add to your “CV-able” skills, but also, we will pay you \$100 for the video.

Sound interesting? It is not as hard as you think. While there are a number of software solutions to select from, we recommend that you do this using PowerPoint, a program that you are undoubtedly familiar with. Create a PPTX file with an integrated audio file (of you narrating the slides). Once this finished, you save the presentation as a video (select File > Export > Create a Video > Select Video Quality > Use Recorded Timings and Narrations> Create Video), giving you an MP4 file that we can upload to YouTube.

The channel's main page is [here](#).

**The two latest videos were made by:**

- **Hannah Derue.** It describes her review in [Neurobiology of Pain](#) on “Therapeutic Exercise Interventions in Rat Models of Arthritis.” The video may be watched [here](#).
- **Xinyue Ma.** It describes her paper in [J Neurosci](#) on “Modulation of SK Channels via calcium buffering tunes intrinsic excitability of parvalbumin interneurons in neuropathic pain: a computational and experimental investigation.” The video may be watched [here](#).

To submit a video, send it to [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) with the subject title “YouTube Video Submission”.

## 2) Journal Club

Duff Building Room 208  
Thursdays 9:30-11:00

Winter 2024 schedule		
Date	Presenter Lab	Breakfast lab
01 Feb	Krock	Séguéla
15 Feb	Khoutorsky	Ribeiro-da-Silva
29 Feb	Coderre	Meloto
14 Mar	Martel	Mogil
28 Mar	Roy	Zhang
11 Apr	Diatchenko	Grant
25 Apr	AEPMU	Vachon-Pressseau

Presenter Lab: They are encouraged to select a recent, high-impact, pain-related paper that they find interesting! Presenters should send their article to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca) the Monday before their event.

Breakfast Lab: They are responsible for the setting up of the room before the meeting starts and to start the coffee (so need to arrive at least 30 minutes ahead of time to do so), and for the clean-up of the room afterwards. All food and beverage items will be purchased by AECRP staff and will be available in the room first thing the morning of the event.

Participating Labs: These are labs who are active in the program. They agree to attend most meetings and to be responsible for at least one “presenter” and one “breakfast” session. The current list of participating labs is **Coderre, Diatchenko, Grant, Khoutorsky, Krock, Martel, Meloto, Mogil, Ribeiro-da-Silva, Roy, Séguéla, Sharif-Naeini, Vachon-Pressseau, Zhang**

Occasional Labs: Labs who do not wish to or cannot participate on a regular basis are still welcome to attend a particular session. As the papers are only announced the Monday before a Journal Club event, and only on the Journal Club listserv, it is advisable for those who might be so interested to subscribe to that channel to keep themselves informed.

If you want to participate in this event, send a request to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca). indicating the level of participation, you are interested in.

### 3) Frontiers in Pain Research

2024				
DATE	SPEAKER	TITLE	HOST	LOCATION
Jan 25 (Pain Day 2024)	<a href="#">Ted Price</a> Center for Advanced Pain Studies University of Texas	<i>“New insight into neuropathic pain mechanisms from human dorsal root ganglion studies”</i>	Arkady Khoutorsky	NRH
Feb 21	<a href="#">Melanie Noel</a> Alberta Children's Pain Research Lab University of Calgary	<i>“Trauma and Pain: An Intergenerational Problem with Structural Solution”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Mar 20	<a href="#">Marco Loggia</a> Associate Professor Harvard Medical School Co-Director, Center for Integrative Pain Neuroimaging (CIPNI)	<i>“Neuroinflammatory signatures of human chronic pain”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Apr 24	<a href="#">Thiago Mattar Cunha</a> Medical School University of Sao Paulo	<i>“Decoding Meningeal Immune Cells' Role in Neuropathic Pain”</i>	Arkady Khoutorsky	Duff Building Rm 208 4:00 – 5:15 pm

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

### 4) Other Lectures of Interest:

#### Dr. Hirsh Rosenfeld Distinguished Public Lecture

On May 7<sup>th</sup>, 2024, Mark Ware will be giving this lecture, a joint program between the Dept of Family Medicine and the St James Literary Society. It is a public talk on the subject of “The Challenge of Pain” aimed at the general public. The talk will take place at 5858 Cote-des-Neiges on the 3<sup>rd</sup> Floor. For more information concerning the talk and for registration details, consult the [website](#).

#### 2024 World Congress on Pain – Amsterdam

The next WCP will be held in Amsterdam from August 5<sup>th</sup> to 9<sup>th</sup>. [Registration](#) opens on Nov 15<sup>th</sup>. Early bird pricing saves you \$200 if you register before April 1<sup>st</sup>. Poster abstract [submission](#) and [financial aid opportunities](#) are now open. **The deadline to apply for both is 31 Jan 2024.**

#### CPS Annual Meeting – Late Breaking Abstracts

The CPS has opened the “Late Breaking Abstracts” submission portal. For information and to

submit, visit this [website](#). Deadline to submit is Feb 9<sup>th</sup>, midnight, ET.

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

## **5) Upcoming Student Seminars**

### **Pain Centre Student Association**

The PCSA is planning two new initiatives, and we'd like you to be involved. They are:

1. Student/Trainee "Work in Progress" Seminar Presentations: Details in the Google Form, this would be one Friday during lunch once per month, and food would be provided by the pain center! Sign up to present [here](#)
2. A trainee Peer Mentorship/Support Initiative: Sign up (for both mentor and mentee) [here](#)

Don't forget to join the [pain center slack workspace](#) and/or the [WhatsApp group](#) to facilitate the communication of announcements relevant to all trainees in the AECRP.

*Please invite the other students in your lab to join if they have not done so already!*

### **CPS Editorial Review Mentorship Program**

Peer review of manuscripts and grants is a constant part of an academics life. To assist those starting off, the CPS has instituted a mentorship program to allow trainees get practical experience in the review process through the Canadian Journal of Pain. If you are interested, consult this link of more information. Applications must be submitted to Dr. Gabrielle Pagé ([gabrielle.page@umontreal.ca](mailto:gabrielle.page@umontreal.ca)) prior to January 31, 2024.

### **Dentistry Research Day. 2024**

Dentistry's annual research day will be on April 24<sup>th</sup>, 2024. Trainees in the Faculty are invited to make either a poster or oral presentation at this event. To participate, you need to submit your abstract by Feb 16<sup>th</sup>, 2024. For instructions and to submit, visit this [link](#).

### **QPRN travel award funding for trainees.**

QPRN offers travel awards to assist trainees to attend scientific meetings. The next application period opens on Feb 5<sup>th</sup> and closes on Mar 15<sup>th</sup>. This will cover meetings held between Feb 1<sup>st</sup> and July 31<sup>st</sup>. A second competition will open on May 20<sup>th</sup> for meetings held between Aug 1<sup>st</sup> and Jan 31<sup>st</sup>, 2025. For more information and to apply, visit their [website](#).

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



## 6) Upcoming Events

### **Brain Canada/Weizmann Institute joint funding.**

This joint program is intended to foster collaborations between investigators in Canada and Israel. The scope of the program includes:

- Basic research into fundamental properties and mechanisms, including functional studies based on the use of “-omics” data.
- Projects related to disease or dysfunction of the nervous system leading to new insights into fundamental biological mechanisms.
- Projects that experimentally test novel hypotheses addressing therapeutic or interventional approaches for brain disorders.
- Projects aimed at developing novel methods, if these methods allow new neuroscience questions to be answered.
- Projects, such as those using epidemiological, “-omics”, or other approaches, that will generate large datasets, if hypotheses are clearly stated

They expect to award 3 grants of up to \$500,00CAD each over two years. For more information or to apply, consult this [weblink](#). Registration (required) has a deadline of Feb 8<sup>th</sup>, with a full application (by invitation only) due on April 11<sup>th</sup>.

### **QPRN funding for PIs.**

There are two programs of potential interest to QPRN PI members from the Centre:

- The annual [Pilot Projects](#) program. The program opens on Feb 5<sup>th</sup>, 2024, with submissions due by March 15<sup>th</sup>.
- [Event Support](#) Program. To help organize/conduct scientific meetings related to pain. There is no fixed submission date for this program, but it should be kept in mind for when you are organizing events.

### **CPS Art Awards**

The theme for this year’s Art Awards is “Shared Horizons: Beyond Awareness to Action”. You can submit your art to one of four categories; *Scientific Visualizations* (e.g., MRI, Microscopy), *Classical Art Forms* (e.g., Illustrations, Paintings), *Photographic and Video Captures*, and *AI-Driven Innovations*.

The top 5 entries from each category, as determined by members' votes, will be showcased in printed format by the Awards Committee and prominently displayed during our Annual Scientific Meeting in Ottawa. For more information and to register, visit their [website](#). Deadline to apply is March 10<sup>th</sup>, 2024.

## McGill Clinical Innovations Platform Competition

This competition provides monetary awards to help develop medically related innovations and to help with business development/startups. Success rates are ~20% overall and 40% among the shortlisted innovation teams.

More information will be available early in 2024. They will require a business plan to be submitted by April 15<sup>th</sup>, and will hold a live “pitch” event on May 16<sup>th</sup>. Training sessions to teach you how to write a business plan will be offered in Winter 2024.

If you'd like to be added to their mailing list for this opportunity, register with them using this email address [HERE](#)

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

## 7) Career/Job Opportunities

### Velly Lab Openings

Dr Ana Velly (Jewish General) is looking for a research coordinator for human clinical research. Duties will include coordinating with site PIs, managing documentary needs (ethics, Health Canada, etc.) and assisting with manuscripts and presentations. If this sounds like you, email [ana.velly@mcgill.ca](mailto:ana.velly@mcgill.ca). For more information, see the full notice on our [website](#).

### CRIUGM PDF & PhD opportunities

The laboratories of Oury Monchi (PCAN) and Pierre Rainville (LaNeP3) are looking for a Postdoctoral Fellow with prior training in neuroimaging. The successful candidate will work on a project that aims to characterize pain processing in patients with Parkinson's disease (PD) with and without pain using clinical, behavioural, physiological, and neuroimaging data. For more information, visit our [website](#)

*If you have any job vacancies, please send it in! [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca)*

## 8) AECRP in the News

The paper in the [Eur J Psychotraumatol](#), in which **Tim & Laura** are involved, makes the news.

[AMEQ](#), 17 Jan 2024, Les traumatismes de l'enfance accroissent le risque de douleur chronique à l'âge adulte

[Psychology Today](#), 20 Jan 2024, Ainsley Hawthorn, Childhood Trauma Increases the Long-Term Risk of Chronic Pain

**The paper from Mathieu's lab in [Frontiers in Pain Research](#) is getting more coverage.**

[Radio France](#), Remi Brancato, 15 Jan 2023, Nos morceaux de musiques préférés agissent efficacement contre la douleur, selon des chercheurs canadiens

[Atlanta Journal-Constitution](#), Ebony Williams, 20 Jan 2024, Study: Listening to your favorite song could help relieve pain.

[Meadville Tribune](#), Ebony Williams, 20 Jan 2024, Study: Listening to your favorite song could help relieve pain.

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

## **9) Recent Publications**

[Normative Preclinical Algesiometry Data on the von Frey and Radiant Heat Paw-Withdrawal Tests: An Analysis of Data from More Than 8,000 Mice Over 20 Years.](#)

Zumbusch AS, McEachern ELF, Morgan OB, Nickner E, **Mogil JS**.  
J Pain. 2024 Jan 12:S1526-5900(24)00342-0.

[Are Electronic Health Records Sufficiently Accurate to Phenotype Rheumatology Patients With Chronic Pain?](#) (Editorial)

Clarke H, **Fitzcharles MA**.  
J Rheumatol. 2024 Jan 15;jrheum.2023-1227.

[Understanding the pain experience of lionfish envenomation.](#)

Mouchbahani-Constance S, **Choinière M, Sharif-Naeini R**.  
Pain Rep. 2023 Aug 3;8(5):e1090.

[One session of repetitive transcranial magnetic stimulation induces mild and transient analgesic effects among female individuals with painful temporomandibular disorders.](#)

Babiloni AH, Provost C, Charlebois-Plante C, De Koninck BP, Apinis-Deshaies A, **Lavigne GJ, Martel MO**, De Beaumont L.  
J Oral Rehabil. 2024 Jan 15.

[Regulation of long non-coding RNA expression by aryl hydrocarbon receptor activation.](#)

Alluli A, Fonseca G, Matthews J, Eidelman DH, **Baglole CJ**.  
Toxicol Lett. 2024 Jan; 391:13-25.

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

If you are alumni and would no longer like to receive AECRP emails, please email Ana Maria at [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) from the subscribed email account with the subject line "remove".

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.

<b>Table of Contents</b>	<b>Upcoming:</b>
<ol style="list-style-type: none"><li>1. <a href="#">Special Updates</a></li><li>2. <a href="#">Journal Club</a></li><li>3. <a href="#">Frontiers in Pain</a></li><li>4. <a href="#">Other Lectures of Interest</a></li><li>5. <a href="#">Upcoming Student Seminars</a></li><li>6. <a href="#">Upcoming Events</a></li><li>7. <a href="#">Career/Job Opportunities</a></li><li>8. <a href="#">Pain in the News</a></li><li>9. <a href="#">Recent Publications</a></li></ol>	<ul style="list-style-type: none"><li>• <b>AEPMU Interventional Rounds: Jan 29<sup>th</sup></b></li><li>• <b>Journal Club: Feb 1<sup>st</sup></b></li><li>• <b>PI Think Tank: Feb 8<sup>th</sup>,</b></li><li>• <b>Frontiers in Pain: Feb 21<sup>st</sup></b></li><li>• <b>LAEF Grant application deadline: Mar 18<sup>th</sup></b></li></ul>

## 1) Special Update

**Congratulations go out to....**

Winners of the 28<sup>th</sup> annual McGill Pain Day trainee poster competition:

### Human/Clinical Science

- 1st prize, Maayan Ben Sasson: "Altered gut-microbiome composition in individuals with complex regional pain syndrome (CRPS)"
- 2nd prize, Laila Chaudhry: "Test stimulus intensity-dependent conditioned pain modulation in patients with fibromyalgia"

### Basic Science

- 1st prize, Allutas Alhamwi: "Perineuronal Nets in Dorsal Root Ganglia: Implications for Cisplatin-Induced Peripheral Neuropathy and Pain Modulation."
- 2nd prize, Alice Gilbert: "Evaluation of TACAN as a new target for treating osteoarthritis pain."

## LAEF 2024 Grant program launched.

The Louise & Alan Edwards Foundation has launched its 2024 application program.

**Deadlines to apply to all three programs is March 18<sup>th</sup>, 2024.** More information about the following programs may be found on our website:

- PhD studentships start [here](#)
- Postdoctoral fellowships start [here](#)
- PI-led research grants start [here](#)

Applications must be submitted online via the [Fourwaves platform](#). This is the first year we are trying this system, so apologies in advance for any glitches that you may encounter.

### YouTube Video program

We are constantly striving to raise our public profile, and one spoke of this effort is our YouTube channel. This is an open call to all trainees in the Centre. Science communication is an important skill, one that will only become increasingly important in the years to come. We would like to “host” short (5-6 minute) videos describing your research findings. Not only does this add to your “CV-able” skills, but also, we will pay you \$100 for the video.

Sound interesting? It is not as hard as you think. While there are a number of software solutions to select from, we recommend that you do this using PowerPoint, a program that you are undoubtedly familiar with. Create a PPTX file with an integrated audio file (of you narrating the slides). Once this finished, you save the presentation as a video (select File > Export > Create a Video > Select Video Quality > Use Recorded Timings and Narrations> Create Video), giving you an MP4 file that we can upload to YouTube.

The channel’s main page is [here](#).

#### **The two latest videos were made by:**

- **Hannah Derue.** It describes her review in [Neurobiology of Pain](#) on “Therapeutic Exercise Interventions in Rat Models of Arthritis.” The video may be watched [here](#).
- **Xinyue Ma.** It describes her paper in [J Neurosci](#) on “Modulation of SK Channels via calcium buffering tunes intrinsic excitability of parvalbumin interneurons in neuropathic pain: a computational and experimental investigation.” The video may be watched [here](#).

To submit a video, send it to [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) with the subject title “YouTube Video Submission”.

## 2) Journal Club

**Duff Building Room 208  
Thursdays 9:30-11:00**

Winter 2024 schedule		
Date	Presenter Lab	Breakfast lab
01 Feb	Krock	Séguéla
15 Feb	Khoutorsky	Ribeiro-da-Silva
29 Feb	Coderre	Meloto
14 Mar	Martel	Mogil
28 Mar	Roy	Zhang
11 Apr	Diatchenko	Grant
25 Apr	AEPMU	Vachon-Presseau

Presenter Lab: They are encouraged to select a recent, high-impact, pain-related paper that they find interesting! Presenters should send their article to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca) the Monday before their event.

Breakfast Lab: They are responsible for the setting up of the room before the meeting starts and to start the coffee (so need to arrive at least 30 minutes ahead of time to do so), and for the clean-up of the room afterwards. All food and beverage items will be purchased by AECP staff and will be available in the room first thing the morning of the event.

Participating Labs: These are labs who are active in the program. They agree to attend most meetings and to be responsible for at least one “presenter” and one “breakfast” session. The current list of participating labs is **Coderre, Diatchenko, Grant, Khoutorsky, Krock, Martel, Meloto, Mogil, Ribeiro-da-Silva, Roy, Séguéla, Sharif-Naeini, Vachon-Presseau, Zhang**

Occasional Labs: Labs who do not wish to or cannot participate on a regular basis are still welcome to attend a particular session. As the papers are only announced the Monday before a Journal Club event, and only on the Journal Club listserv, it is advisable for those who might be so interested to subscribe to that channel to keep themselves informed. If you want to participate in this event, send a request to [sec.paincenter@mcgill.ca](mailto:sec.paincenter@mcgill.ca) indicating the level of participation, you are interested in.

## 3) Frontiers in Pain Research

2024				
DATE	SPEAKER	TITLE	HOST	LOCATION
Feb 21	<a href="#">Melanie Noel</a> Alberta Children's Pain Research Lab University of Calgary	<i>“Trauma and Pain: An Intergenerational Problem with Structural Solution”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm

Mar 20	<a href="#">Marco Loggia</a> Associate Professor Harvard Medical School Co-Director, Center for Integrative Pain Neuroimaging (CIPNI)	<i>“Neuroinflammatory signatures of human chronic pain”</i>	Jeffrey Mogil	Duff Building Rm 208 4:00 – 5:15 pm
Apr 24	<a href="#">Thiago Mattar Cunha</a> Medical School University of Sao Paulo	<i>“Decoding Meningeal Immune Cells’ Role in Neuropathic Pain”</i>	Arkady Khoutorsky	Duff Building Rm 208 4:00 – 5:15 pm

For more 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: January 29 at 4:00 PM**

Pain Medicine Fellow **Maayan Ben Sasson** presents:

##### **Orthobiologics and Low Back Pain: Platelet Rich Plasma (PRP)**

Attend In person @ Montreal General Hospital A5.131

Attend Online - Register here:

<https://mcgill.zoom.us/j/81326323728?pwd=Yk43Z0tETzJDc1BrVjNHShk4K1p1QT09>

You will receive a confirmation email containing information about joining the meeting.

Contact Information

Contact: Rebecca Binik

Organization: The Alan Edwards Pain Management Unit

Email: [rebecca.binik@mcgill.ca](mailto:rebecca.binik@mcgill.ca)

##### **Dr. Hirsh Rosenfeld Distinguished Public Lecture**

On May 7<sup>th</sup>, 2024, Mark Ware will be giving this lecture, a joint program between the Dept of Family Medicine and the St James Literary Society. It is a public talk on the subject of “The Challenge of Pain” aimed at the general public. The talk will take place at 5858 Cote-des-Neiges on the 3<sup>rd</sup> Floor. For more information concerning the talk and for registration details, consult the [website](#).

##### **2024 World Congress on Pain – Amsterdam**

The next WCP will be held in Amsterdam from August 5<sup>th</sup> to 9<sup>th</sup>. [Registration](#) opens on Nov 15<sup>th</sup>. Early bird pricing saves you \$200 if you register before April 1<sup>st</sup>. [Poster abstract submission](#) and [financial aid opportunities](#) are now open. **The deadline to apply for both is 31 Jan 2024.**



## CPS Annual Meeting – Late Breaking Abstracts

The CPS has opened the “Late Breaking Abstracts” submission portal. For information and to submit, visit this [website](#). Deadline to submit is Feb 9<sup>th</sup>, midnight, ET.

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

## 5) Upcoming Student Seminars

### Pain Centre Student Association

The PCSA is planning two new initiatives, and we'd like you to be involved. They are:

1. Student/Trainee “Work in Progress” Seminar Presentations: Details in the Google Form, this would be one Friday during lunch once per month, and food would be provided by the pain center! Sign up to present [here](#)
2. A trainee Peer Mentorship/Support Initiative: Sign up (for both mentor and mentee) [here](#)

Don't forget to join the [pain center slack workspace](#) and/or the [WhatsApp group](#) to facilitate the communication of announcements relevant to all trainees in the AECRP.

*Please invite the other students in your lab to join if they have not done so already!*

### CPS Editorial Review Mentorship Program

Peer review of manuscripts and grants is a constant part of an academics life. To assist those starting off, the CPS has instituted a mentorship program to allow trainees get practical experience in the review process through the Canadian Journal of Pain. If you are interested, consult this link of more information. **Applications must be submitted to Dr. Gabrielle Pagé ([gabrielle.page@umontreal.ca](mailto:gabrielle.page@umontreal.ca)) prior to January 31, 2024.**

### Dentistry Research Day. 2024

Dentistry's annual research day will be on April 24<sup>th</sup>, 2024. Trainees in the Faculty are invited to make either a poster or oral presentation at this event. To participate, you need to submit your abstract by Feb 16<sup>th</sup>, 2024. For instructions and to submit, visit this [link](#).

### MiCM Workshops – Winter 2024

The McGill Initiative in Computational Medicine (MiCM) holds regular workshops on a variety of topics including coding in various languages and on using high-end systems for data analysis in research. They have a list of such offerings on this [website](#), which includes registration dates. Or check out their [website](#)!

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

## 6) Upcoming Events

### **Brain Canada/Weizmann Institute joint funding.**

This joint program is intended to foster collaborations between investigators in Canada and Israel. The scope of the program includes:

- Basic research into fundamental properties and mechanisms, including functional studies based on the use of “-omics” data.
- Projects related to disease or dysfunction of the nervous system leading to new insights into fundamental biological mechanisms.
- Projects that experimentally test novel hypotheses addressing therapeutic or interventional approaches for brain disorders.
- Projects aimed at developing novel methods, if these methods allow new neuroscience questions to be answered.
- Projects, such as those using epidemiological, “-omics”, or other approaches, that will generate large datasets, if hypotheses are clearly stated

They expect to award 3 grants of up to \$500,00CAD each over two years. For more information or to apply, consult this [weblink](#). Registration (required) has a deadline of Feb 8<sup>th</sup>, with a full application (by invitation only) due on April 11<sup>th</sup>.

### **CPS Art Awards**

The theme for this year’s Art Awards is “Shared Horizons: Beyond Awareness to Action”. You can submit your art to one of four categories; *Scientific Visualizations* (e.g., MRI, Microscopy), *Classical Art Forms* (e.g., Illustrations, Paintings), *Photographic and Video Captures*, and *AI-Driven Innovations*.

The top 5 entries from each category, as determined by members' votes, will be showcased in printed format by the Awards Committee and prominently displayed during our Annual Scientific Meeting in Ottawa. For more information and to register, visit their [website](#). Deadline to apply is March 10<sup>th</sup>, 2024.

### **McGill Clinical Innovations Platform Competition**

This competition provides monetary awards to help develop medically related innovations and to help with business development/startups. Success rates are ~20% overall and 40% among the shortlisted innovation teams.

More information will be available early in 2024. They will require a business plan to be submitted by April 15<sup>th</sup>, and will hold a live “pitch” event on May 16<sup>th</sup>. Training sessions to teach you how to write a business plan will be offered in Winter 2024.

If you’d like to be added to their mailing list for this opportunity, register with them using this email address [HERE](#)

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

## 7) Career/Job Opportunities

### Velly Lab Openings

Dr Ana Velly (Jewish General) is looking for a research coordinator for human clinical research. Duties will include coordinating with site PIs, managing documentary needs (ethics, Health Canada, etc.) and assisting with manuscripts and presentations. If this sounds like you, email [ana.velly@mcgill.ca](mailto:ana.velly@mcgill.ca). For more information, see the full notice on our [website](#).

### CRIUGM PDF & PhD opportunities

The laboratories of Oury Monchi (PCAN) and Pierre Rainville (LaNeP3) are looking for a Postdoctoral Fellow with prior training in neuroimaging. The successful candidate will work on a project that aims to characterize pain processing in patients with Parkinson's disease (PD) with and without pain using clinical, behavioural, physiological, and neuroimaging data. For more information, visit our [website](#)

If you have any job vacancies, please send it in! [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca)

## 8) AECRP in the News

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

## 9) Recent Publications

[Collaborative sustainability planning for an outcome measure in outpatient stroke rehabilitation: A qualitative description study.](#)

Ataman R, **Ahmed S**, Berta W, Thomas A.  
J Eval Clin Pract. 2024 Jan 22.

[Enrollment and dropout rates of individuals with chronic obstructive pulmonary disease approached for telehealth interventions: A systematic review and meta-regression analysis.](#)

Alhasani R, Janaudis Ferreira T, Marie-France Valois, Singh D, **Ahmed S**.  
Heliyon. 2023 Dec 22;10(1):e23776.

[Is low-dose naltrexone for fibromyalgia another treatment disappointment?](#)

Häuser W, **Fitzcharles MA**.  
Lancet Rheumatol. 2024 Jan;6(1):e5-e6.

[Trajectories of opioid consumption as predictors of patient-reported outcomes among individuals attending multidisciplinary pain treatment clinics.](#)

Angarita-Fonseca A, Lacasse A, **Choinière M**, Kaboré JL, Sylvestre MP, Dinkou GDT, Bruneau J, **Martel MO**, **Hovey R**, Motulsky A, Rahme E, **Pagé MG**.  
Pharmacoepidemiol Drug Saf. 2024 Jan;33(1):e5706

[Prevalence of orofacial pain in individuals with mild cognitive impairment or dementia: A systematic review and meta-analysis.](#)

Macedo AC, Bitencourt FV, Faria AOV, Bizzi IH, Durço DFPÂ, Azevedo CB, Morris M, Ferreira KDS, De Souza LC, **Velly AM**.  
Gerodontology. 2024 Jan 21.

[Biological Anti-IL-5/IL-5R Therapeutics for Chronic Obstructive Pulmonary Disease \(COPD\) with Specific Treatable Traits: A Real-World Retrospective Analysis.](#)

Day de Larrañaga F, Joubert A, Drouin I, Ouellet I, Li PZ, Ross BA, **Baglole CJ**, Bourbeau J.  
Int J Chron Obstruct Pulmon Dis. 2024 Jan 17;19:217-223.

If you are alumni and would no longer like to receive AECRP emails, please email Ana Maria at [sec.paincentre@mcgill.ca](mailto:sec.paincentre@mcgill.ca) from the subscribed email account with the subject line "remove".

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