

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.

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## Upcoming:

- **Melzack Lecture, 08  
June 2022**

## 1) Special Update

### **AEPMU Leadership Change**

As some might have heard already, after many years providing sterling service and leadership to the Alan Edwards Pain Management Unit, Yoram is stepping down as its Director. He is not retiring, and will continue his teaching, research and clinical duties as normal. We would like to extend our sincere appreciation to Yoram for all of his efforts over the years, building the AEPMU into an organization of which we are all proud.

We are also pleased to announce that Jordi has been appointed to the Edwards Chair in Clinical Pain and as interim director of the AEPMU. Our best wishes for success in this new position, Jordi!

### **Congratulations to our members!**

It has been a busy week. The AECRP would like to acknowledge and congratulate our members on the awards which they received:

[Gabriella Gobbi](#), Tier 1 CRC in Therapeutics for Mental Health.

Arkady Khoutorsky, renewal, FRQ Chercheurs-Boursiers

[Jean Ouellet](#). Together with Evan Dimentberg (MD/MSc candidate, Laval) Jean has won the Hakim Family Innovation Prize from the FMHS. The project, SeeSpine, is a telehealth application leveraging 3D imaging and artificial intelligence for scoliosis.

Alice Bruneau, Taryn Berman, Sophie Desjardins: FRQ doctoral fellowships.

### **NSERC Discovery Grants Program.**

OSR will be hosting a Zoom information session on the NSERC [Discovery Grant Program](#). The session will focus on tips to improve your applications chances of success. The call will be on Wed, June 15<sup>th</sup>, from 10am to 12 noon. You will need to register to obtain the link and meeting password.

To reserve a spot for yourself in this call, [complete this form](#) before Monday, 13 June.

### **Pain Centre 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.

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Marc Parisien: <https://www.youtube.com/watch?v=7SAyHIMEZFo>

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*The Journal Club has completed its scheduled activities for the year. Keep watch here for news about the new schedule..*

## 3) Frontiers in Pain Research

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## 4) Other Lectures of Interest

### **AEPMU Melzack Lecture Series:**

Update on Military Medicine Projects – Gaurav Gupta, Kira Burton, Latifah Kamal.  
June 08, 2022, 16:00-17:00

For more information, visit their [website](#).

To register, click on this Zoom [link](#).

Contact: Rebecca Binik

Organization: The Alan Edwards Pain Management Unit

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

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## 5) Upcoming Student Seminars

### **Intro to Unix and HPC workshop**

A beginner workshop to get familiar with the UNIX system is being offered by MiCM. Participants will learn to interact with the command line and learn about high performance computing services. No previous experience required. The course will be run twice, on Jun 9-10, from 8:30-11:30 EDT, and June 16-17, from 8:30-11:30 EDT.

To register, complete the form on their [Google Docs platform](#).

### **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](#) is open.

***The deadline to apply is June 13<sup>th</sup>!***

## 6) Upcoming Events

### World Congress on Pain Registration

This meeting takes place Sept 19-23, 2022, in Toronto. Registration is now open via their [website](#).

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### Zhang Lab openings

The Zhang lab at the Alan Edwards Centre for Research on Pain (McGill) is looking for a postdoctoral fellow or a PhD student who is interested in understanding how inflammation is involved in different types of chronic pain.

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Terry is currently looking for a Post-doc willing to work on a project on the role of intracellular metabotropic glutamate receptors in persistent nociception. This is a CIHR-funded project.

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### 8) AECRP in the News

**An interesting article that links the recent papers by [Arkady](#) (Science 2022) and one by [Rohini Kuner](#) in Nature (2022).**

[BioWorld](#), Annette Breindl, 31 May 2022, “Studies identify chronic pain mechanisms in skin and spinal cord”.

**More coverage of the Science Translational Medicine paper from Audrey, Carol, Jeff & Luda. With [179](#) news stories from 141 media outlets in all languages world-wide.**

[Fortune](#), Kendall K. Morgan, 31 May 2022, “Could over-the-counter pain relievers be making your back pain worse?”

[WishtTV.com](#), Mary Gillis, 03 June 2022, “Common over-the-counter medication linked to chronic back pain” (includes TV broadcast clip)

**Coverage of Jeff’s paper in Science Advances.**

[IFLSscience.com](#), James Felton, 30 May 2022, “Researchers Accidentally Discover Why Male Mice Are Scared Of Bananas”

[ZME Science](#). Mihai Andrei, 31 May 2022, “Mice are terrified by something unexpected. It’s bananas”.

[Metro](#), Anugraha Sundaravelu, 31 May 2022, “Mice are terrified by bananas and scientists just found out why”.

[Inverse](#), Elana Spivack, 31 May 2022, “This fruit makes mice go bananas, and psychologists have a reason why”

[Newser](#), John Johnson, 31 May 2022, “Want to Scare a Male Mouse? Try a Banana”

[Nature World News](#), Miguel Brown, 01 June 2022, “Why Are Male Mice Afraid of Bananas?”

[Galaxy Reporters](#), Alice Jane, 01 June 2022, “Researchers Accidentally Stumble Upon the Release Why Male Mice Are Scared of Bananas”

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## 9) Recent Publications

[Oral health in America 2021: Making a case for curricular change.](#)

Niessen LC, Fontana M, Weyant RJ, Casamassimo PS, **Feine J**, Karimbux N.  
J Dent Educ. 2022 May 25. doi: 10.1002/jdd.12929.

[A graph-embedded topic model enables characterization of diverse pain phenotypes among UK biobank individuals.](#)

Wang Y, Benavides R, **Diatchenko L**, **Grant AV**, Li Y.  
iScience. 2022 May 12;25(6):104390.

[Biomedical Research and Informatics Living Laboratory for Innovative Advances of New Technologies in Community Mobility Rehabilitation: Protocol for Evaluation and Rehabilitation of Mobility Across Continuums of Care.](#)

**Ahmed S**, Archambault P, Auger C, Durand A, Fung J, Kehayia E, Lamontagne A, Majnemer A, Nadeau S, Pineau J, Ptito A, Swaine B.  
JMIR Res Protoc. 2022 Jun 1;11(6):e12506.

[Identification of the intraoperative antinociceptive effect of intravenous fentanyl using the Nociception Level \(NOL\) index versus clinical parameters in patients undergoing gynecological laparoscopic surgery: A secondary analysis of the NOLGYN study.](#)

Ghiyasinab M, Morisson L, Laferrière-Langlois P, Geraldo-Demers MA, **Gélinas C**, Nadeau-Vallée M, Verdonck O, Lahrichi N, Richebé P.  
Anaesth Crit Care Pain Med. 2022 May 25:101102.

[The neural signature of the decision value of future pain.](#)

Coll MP, Slimani H, Woo CW, Wager TD, **Rainville P**, **Vachon-Présseau É**, **Roy M**.  
Proc Natl Acad Sci U S A. 2022 Jun 7;119(23):e2119931119.

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- **AEPMU Melzack Lecture Series: June 28<sup>th</sup>.**

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Weihua Cai: FRQ Postdoctoral Fellowship.

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**Experimental Models on Pain Research – Sahel Jahangiri Esfahani.**  
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Contact: Rebecca Binik  
Organization: The Alan Edwards Pain Management Unit  
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## 8) AECRP in the News

### **Coverage of Arkady's recent Science (2022) paper.**

[McGill Health e-News](#), Gillian Woodford, 06 June 2022, "McGill team uncovers root causes of neuropathic pain"

[The Scientist](#), Patience Asanga, 09 June 2022, "Mouse Immune Cells Destroy Nerves' Coating, Causing Chronic Pain"

[Medical Xpress.com](#), Bob Yirka, 10 June 2022, "Activation of microglia in the spinal cord after nerve injury found to contribute to pain hypersensitivity"

### **More coverage of the Science Translational Medicine paper from Audrey, Carol, Jeff & Luda. With 179 news stories from 141 media outlets in all languages world-wide.**

[Star Advertiser](#), Gina Kolata (reprint from NY Times), 07 June 2022, "Some medicine can prolong back pain, study finds"

[SciTechDaily.com](#), McGill University, 08 June 2022, "New Side Effects of Popular Medicines Discovered: Anti-Inflammatory Drugs Could Cause Chronic Pain"

[AWSFORWP.com](#), Mary Gillis (reprint from WishTV.com), 05 June 2022, "Common over-the-counter medication linked to chronic back pain – WISH-TV | Indianapolis News | Indiana Weather"

[Futurity.com](#), Shirley Cardenas-McGill, 07 June 2022, "Blocking inflammation may lead to chronic pain"

[Nature Reviews Neurology](#), Heather Wood, 24 May 2022, "Anti-inflammatory drugs could cause chronic pain"

[Daytonews.com](#), 09 June 2022, "Anti-Inflammatory Drugs Could Cause Chronic Pain"

[Newsmonkey.com](#). 09 June 2022, "Anti-Inflammatory Drugs Could Cause Chronic Pain"

### **Coverage of Jeff's paper in Science Advances.**

[USA Today](#), Saleen Martin, 07 June 2022, "Scientists found bananas stress out male mice. A compound inside the fruit could be why."

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## 9) Recent Publications

### [Individual variability in brain representations of pain.](#)

Kohoutová L, Atlas LY, Büchel C, Buhle JT, Geuter S, Jepma M, Koban L, Krishnan A, Lee DH, Lee S, **Roy M**, Schafer SM, Schmidt L, Wager TD, Woo CW.  
Nat Neurosci. 2022 May 30.

### [The impact of bowel dysfunction on health-related quality of life after rectal cancer surgery: a systematic review.](#)

Al Rashid F, Liberman AS, Charlebois P, Stein B, Feldman LS, **Fiore JF Jr**, Lee L.  
Tech Coloproctol. 2022 Jul;26(7):515-527

### **Book chapter**

### [Developing Patient-Centered Outcomes Metrics for Abdominal Surgery.](#)

**JF Fiore, Jr.** F Rajabiyazdi, LS Feldman,

Chapter 14 in:

[The Sages Manual of Quality, Outcomes & Patient Safety.](#) (2<sup>nd</sup> Ed)

JR Romanelli, JM Dort, RB Kowalski, P Sinha (eds)

Springer, 2022.

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## 1) Special Update

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The AECRP would like to acknowledge and congratulate our members on the awards which they recently received from the Louise & Alan Edwards Foundation:

#### Edwards PhD Studentships in Pain Research:

- **Elnaz Alikarami**, supervised by Dr. Carol Meloto, 1<sup>st</sup> year
- **Nichole Brown**, supervised by Dr. Arkady Khoutorsky, 1<sup>st</sup> year
- **Rachael Osagie**, supervised by Dr. Carol Meloto, 1<sup>st</sup> year
- **Haoyi Qiu**, supervised by Dr. Reza Sharif-Naeini, 1<sup>st</sup> year
- **Arthur Woznowski-Vu**, supervised by Dr. Timothy Wideman, 1<sup>st</sup> year
- **Wen Bo (Sam) Zhou**, supervised by Dr. Ji Zhang, 1<sup>st</sup> year
- **Shajenth Premachandran**, supervised by Dr. Reza Sharif, 2<sup>nd</sup> year.
- **Nathan Augeward**, supervised by Dr. Timothy Wideman, 2<sup>nd</sup> year.
- **Matthew Mannario**, supervised by Dr. Jean Ouellet, 3<sup>rd</sup> year.
- **Erika Gentile**, supervised by Dr. Mathieu Roy, 3<sup>rd</sup> year.

### Catherine Bushnell Fellowship in Chronic Pain Research:

- **Faez Al-Hamed**, supervised by Dr. Carol Meloto
- **Ronrick Da-ano**, supervised by Dr. Etienne Vachon-Presseau.

### Ronald Melzack Fellowship in Chronic Pain Research:

- **Zhongyu (Julie) Shi**, supervised by Dr. Reza Sharif-Naeini.

### Louse & Alan Edwards Foundation Grants in Chronic Pain Research

- **Carolyn J. Baglole**, Does vaporized cannabis alleviate pain in a mouse model
- **Julio Flavio Fiore, Jr.**, Opioid versus opioid-free analgesia after colorectal surgery: A pilot randomized controlled trial
- **Gabriella Gobbi**, Psilocybin for neuropathic pain and comorbid depression
- **Alfredo Ribeiro-da-Silva**, The contribution of structural synapse plasticity on dorsal horn projection neurons to the maintenance of neuropathic pain
- **Yoram Shir**, Laying the Foundations for a Biobank of Gut Microbiome and Metabolome of Chronic Pain Patients

### **Introducing Terry Coderre, Novelist.**

What did you accomplish during the lockdown? We did many things – learning new skills, catching up on our reading pile (one which never seems to grow smaller) – but one of us decided to write a work of science fiction. Writing under the penname of Terry Birdgenaw, Terry wrote a trilogy, *The Autunite Chronicles*, the first of which, *Autuna's Story*, came out on May 16<sup>th</sup> (the final two are due out on July 4<sup>th</sup> and Sept 21<sup>st</sup>). The project started with his helping his wife, Ann Birdgenaw, with her children's Sci-Fi series, *Black Hole Radio*, and spun off on its own.

To read more of the story, check out the [profile](#) in the current McGill Reporter. If you want to read the books, they are available on Amazon.ca in both paper and Kindle format (FYI, if you subscribe to Kindle Unlimited, they are part of the program).

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> 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 latest video was made by Don Daniel Ocaj and describes the results of a recent paper in J. Pain Res. Which describes the phenotyping of MSK pain in male and female adolescents.***

***The video made be watched [here](#).***

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**Sahel Jahangiri Esfahani**

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[WebMD](#), Emily Shiffer, 17 June 2022, "How we treat acute pain could be wrong"

## **9) Recent Publications**

[The development of a stakeholder-endorsed national strategic plan for advancing pain education across Canadian physiotherapy programs.](#)

**Wideman TH**, Bostick G, Miller J, Thomas A, Bussi eres A, Walton D, Tousignant-Lafamme Y, Carlesso L, Hunter J, Perreault K, Shay B.  
Can J Pain. 2022 Jun 3; 6(1):21-32.

[Concerns about the taxonomy, definition and coding of fibromyalgia syndrome in ICD-11: the potential for negative consequences for patient care and research.](#)

H user W, Clauw DJ, Wolfe F, Sarzi-Puttini P, Ablin JN, Usui C, Littlejohn GO, Morlion B, Kosek E, Fors EA,  ien Forseth KM, **Fitzcharles MA**.  
Clin Exp Rheumatol. 2022 Jun 9. (Editorial)

[Sodium-calcium exchanger-3 regulates pain "wind-up": From human psychophysics to spinal mechanisms.](#)

Trendafilova T, Adhikari K, Schmid AB, Patel R, Polg r E, Chisholm KI, Middleton SJ, Boyle K, Dickie AC, Semizoglou E, Perez-Sanchez J, Bell AM, Ramirez-Aristeguieta LM, Khoury S, Ivanov A, Wildner H, Ferris E, Chac n-Duque JC, Sokolow S, Saad Boghdady MA, Herchuelz A, Faux P, Poletti G, Gallo C, Rothhammer F, Bedoya G, Zeilhofer HU, **Diatchenko L**, McMahon SB, Todd AJ, Dickenson AH, Ruiz-Linares A, Bennett DL.  
Neuron. 2022 Jun 10:S0896-6273(22)00458-5.

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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.

<b>Table of Contents</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>	<b>Upcoming:</b> <ul style="list-style-type: none"><li>• <b>AEPMU Melzack Lecture</b> <b>Series: June 29<sup>th</sup>.</b></li><li>• <b>AECRP BBQ: August 11<sup>th</sup>.</b> <b>Save the date!</b></li></ul>
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## 1) Special Update

### **Pain Centre 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 latest video was made by Don Daniel Ocaj and describes the results of a recent paper in J. Pain Res. Which describes the phenotyping of MSK pain in male and female adolescents.***

***The video made be watched [here](#).***

## **2) Journal Club**

*The Journal Club has completed its scheduled activities for the year. Keep watch here for news about the new schedule.*

## **3) Frontiers in Pain Research**

*The Frontiers in Pain has completed its scheduled activities for the year. Keep watch here for news about the new schedule.*

## **4) Other Lectures of Interest**

**AEPMU Melzack Lecture Series:**

**Experimental Models of Pain for Research**



**Sahel Jahangiri Esfahani**

June 29, 2022, 16:00-17:00

I did my bachelors in cellular and molecular biology with a specialization in genetics then I started my graduate studies in Human Pain Genetics Lab under Luda Diatchenko's supervision as a master's student in January 2021, continuing as a Ph.D. student in January 2023 at McGill University in Human Genetics Department, Faculty of Medicine. My first project was to make a database for pain transcriptomics (<https://transcriptomicspainsignaturesdb.ca/>) and for that, I used publicly available datasets (RNA-seq and Microarray data) on GEO (<https://www.ncbi.nlm.nih.gov/geo/>). These datasets were from various species (Human, mouse, rat, and pig), different tissues (DRG, spinal cord, blood), and coming from multiple pain conditions in both human and animal models (SNI, CCI, Arthritis, CFA). My Ph.D. project focuses on acute to chronic pain transition in mice model of post-surgical pain looking into gene expression dynamics of pain resolution and chronification in different time points and sexes after the surgery.

## **[REGISTER HERE](#)**

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**

### **MiCM Summer Workshop Series**

The McGill initiative in Computational Medicine (MiCM) will be conducting a series of computational skills in bioinformatics workshops over the summer. They include:

June 30<sup>th</sup>, NGS data formats and pre-processing  
July 8<sup>th</sup>, Introduction to machine language  
July 12<sup>th</sup>, Introduction to dimensionality reduction  
July 21<sup>st</sup> -22<sup>nd</sup>, Introduction to R Programming  
July 26<sup>th</sup>, Data visualization in R  
July 27<sup>th</sup>, Polygenic risk scores  
July 28<sup>th</sup>–29<sup>th</sup>, Introduction to R programming

Registration details are not posted online as of today, but, if interested, you should check their [website](#) for updates or contact the [program coordinator](#) for details.

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

## **6) Upcoming Events**

### **2022 Gairdner Early Career Investigator Competition.**

Initiated last year, this competition is intended to raise the profile of ECRs in Canada during Gairdner Science Week (October) and to raise awareness of the Foundation amongst this group. Five investigators will be chosen to give 10 minute talks in association with the Laureate Lectures on October 27, 2022, to participate in a networking session with 2022 laureates and to attend the 2022 Awards Gala on October 27, 2022 (travel and hotel provided). The talks will be broadcast live and recorded for YouTube distribution globally. This is a competitive process, with the finalists being selected by the laureates themselves.

Applications are due 01 Aug 2022. For more information, consult their [website](#).

### **World Congress on Pain Registration**

This meeting takes place Sept 19-23, 2022, in Toronto. Registration is now open via their [website](#).

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

### **Zhang Lab openings**

The Zhang lab at the Alan Edwards Centre for Research on Pain (McGill) is looking for a postdoctoral fellow or a PhD student who is interested in understanding how inflammation is involved in different types of chronic pain.

The candidate is expected to have experience and expertise in neuroinflammation related research projects, able to lead and conduct experiments, able to write manuscript and present research findings. Previous technical background in immunohistochemistry and cellular imaging, molecular/cellular biology approach (qPCR, Western Blot, ELISA), and cell culture will be preferred. Knowledge of proteomics and bioinformatic analysis will be a bonus. Teamwork spirit and enthusiasm in learning are essential.

Interested candidates should send their CV and cover letter to [Ji.Zhang@mcgill.ca](mailto:Ji.Zhang@mcgill.ca)

### **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](#)

### **Séguéla lab- PDF openings**

The Séguéla lab at the Montreal Neurological Institute is looking for two postdocs in molecular neuroscience to investigate the role of acid-sensing ion channels (ASICs) in chronic pain, in close collaboration with the biotech company Neurasic Therapeutics.

Under Pr. Séguéla's supervision, they will be expected to design and conduct experiments on the properties of novel ASIC ligands using single-cell patch clamp recording and calcium imaging, analyze the data and will be expected to present their results through oral presentations and preparations of written reports on a weekly basis.

For more information, consult the posting on our [website](#).

### **Coderre lab – PDF opening**

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For more information, consult the posting on our [website](#).

## Shir/Khoutorsky Labs – PDF Opening

Yoram & Arkady are looking for an independent and motivated researcher to work on multiple projects related to the role of the gut microbiome in different chronic pain conditions. The projects involve both clinical and basic science approaches, with the goal to characterize changes in the gut microbiome in chronic pain in humans, investigate the role of these changes in mediating pain and related co-morbidities, and develop strategies targeting the microbiome to alleviate pain. More details can be found on our [website](#) or in this listing from [NeuroJobs](#)

### 8) AECRP in the News

**Coverage of [The Lancet](#) paper by Julio and Marco.**

[MUHC News](#), 20 June 2022, “Taking opioids at home after surgery: more harm than benefits”.

[CTV News](#), CP Staff, 20 June 2022, “Opioids less effective, higher risk for post-surgery pain treatment, Montreal study says”

[Pain News Network](#), Pat Anson, 20 June 2022, “Ice Packs and Tylenol: Why a New Study on Post-Operative Pain Falls Flat”

[Montreal Gazette](#), Jesse Feith, 24 June 2022, “Post-surgery opioids at home can do more harm than good, study says”

**More coverage of the [Science Translational Medicine](#) paper from Audrey, Carol, Jeff & Luda. With [189](#) news stories from [146](#) media outlets in all languages world-wide.**

[MDedge](#), Emily Shiffer, 20 June 2022, “How we treat acute pain could be wrong”

[SwiftTelecast](#), Jhon Ray, 18 June 2022, “How we treat acute pain could be wrong”

[Medscape](#), Emily Shiffer, 20 June 2022, “How we treat acute pain could be wrong”

### 9) Recent Publications

[Opioid versus opioid-free analgesia after surgical discharge: a systematic review and meta-analysis of randomised trials.](#)

**Fiore JF Jr**, El-Kefraoui C, Chay MA, Nguyen-Powanda P, Do U, Olleik G, Rajabiyazdi F, Kouyoumdjian A, Derksen A, Landry T, Amar-Zifkin A, Bergeron A, Ramanakumar AV, **Martel M**, Lee L, Baldini G, Feldman LS.  
Lancet. 2022 Jun 18;399(10343):2280-2293.

[Transitional Pain Care in Quebec: Did We Forget Our Youths? A Brief Research Report.](#)

**Kudrina I**, Bartlett G, **Pagé MG**, **Shir Y**, **Tourian L**, **Choinière M**, Vedel I.

Front Pain Res (Lausanne). 2022 May 27; 3:885570.

[Unbiased immune profiling reveals a natural killer cell-peripheral nerve axis in fibromyalgia.](#)

Verma V, Drury GL, Parisien M, Özdağ Acarli AN, Al-Aubodah TA, Nijnik A, Wen X, Tugarinov N, Verner M, Klares R 3rd, Linton A, Krock E, Morado Urbina CE, Winsvold B, Fritsche LG, Fors EA, Piccirillo C, **Khoutorsky A**, Svensson CI, **Fitzcharles MA**, **Ingelmo PM**, Bernard NF, Dupuy FP, Üçeyler N, Sommer C, King IL, **Meloto CB**, **Diatchenko L**; HUNT-All In Pain.

Pain. 2022 Jul 1;163(7):e821-e836.

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