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Upcoming:
- Frontiers in Pain: March 16th
- Journal Club: March 17th.

1) Special Update

Luda to give Melzack Lecture at IASP WCP 2022

Our congratulations go out to Luda on being selected as the Ronald Melzack Award Lecture for the World Congress on Pain in Toronto this September. Her talk will be on the "Mosaic of pain genes and biological pathways contributing to human pain" Her talk, and 11 other plenaries, have just been announced on the Congress website.

Louise and Alan Edwards Foundation Open Calls

The Louise and Alan Foundation Grants, Post-Doctoral Fellowships and PhD Scholarships are open and the deadline to Submit is: March 22nd, 2022

Follow the links to learn about them:
- Catherine Bushnell Fellowship in Pain Research
- Ronald Melzack Fellowship in Pain Research
• Louise and Alan Edwards Grants in Pain Research
• The Edwards PhD. Studentship in Pain Research

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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.

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Research Associate Needed – Kania Lab, IRCM.

The Neural Circuit Development Research Unit headed by Artur Kania is seeking a Research Associate to fill a 2 year contract. This person should expect to:

- Formulate scientific hypotheses, conceive, develop, and perform the experiments to verify these hypotheses;
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8) **AECRP in the News**

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9) **Recent Publications**

**The Biopsychosocial Puzzle of Painful Sex**
Marta Meana, **Yitzchak M Binik**

**Psychological distress, depression symptoms and fatigue among Quebec nursing staff during the COVID-19 pandemic: A cross-sectional study.**
Côté J, Aita M, Chouinard MC, Houle J, Lavoie-Tremblay M, Lessard L, Rouleau G, **Gélinas C.**
Nurs Open. 2022 Feb 23.

**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 Mar 3.

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7) Career/Job Opportunities

PhD-student/PDF trainee, Haglund Lab

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

Please contact Lisbet Haglund, lisbet.haglund@mcgill.ca for more information.

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Ocay DD, Larche CL, Betinjane N, Jolicoeur A, Beaulieu MJ, Saran N, Ouellet JA, Ingelmo PM, Ferland CE.
Can pain be re-experienced as a conditioned response?
Roy M.
Pain. 2022 Feb 28.

Register-based studies on cannabis-based medicines and medical cannabis need reliable diagnoses and cannabis treatment details.
Häuser W, Fitzcharles MA.

At least ninety days of follow-up are required to adequately detect wound outcomes after open incisional hernia repair.

Tolerating clear fluids diet on postoperative day 0 predicts early recovery of gastrointestinal function after laparoscopic colectomy.

Differential impact of JUUL flavors on pulmonary immune modulation and oxidative stress responses in male and female mice.
Been T, Traboulsi H, Paoli S, Alakhtar B, Mann KK, Eidelman DH, Baglole CJ.
Arch Toxicol. 2022 Mar 7.

HuR drives lung fibroblast differentiation but not metabolic reprogramming in response to TGF-β and hypoxia.
Trivlidis J, Aloufi N, Al-Habeeb F, Nair P, Azuelos I, Eidelman DH, Baglole CJ.

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QNJPI Website

For those who don’t know already, the QNJPI has a new website address. Please adjust your browser bookmarks accordingly.

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4) Other Lectures of Interest

Melzack Lecture Series:

"Deconstructing Chronic Pain"
30 March 2022 – 4:00 pm

Yoni Ashar PhD.

Yoni K. Ashar, PhD is an NIH-funded postdoctoral associate at Weill Cornell Medicine. He completed his doctorate at the University of Colorado Boulder. Yoni's research uses functional MRI brain imaging, natural language processing, and other clinical and computational tools to understand how mind and brain processes influence health, especially chronic pain. His recent research has focused on Pain Reprocessing Therapy, a novel psychological treatment for chronic pain.

Register HERE

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

Contact: Rebecca Binik
Organization: The Alan Edwards Pain Management Unit
Email: rebecca.binik@mcgill.ca
Website: https://www.mcgill.ca/paincentre/

5) Upcoming Student Seminars

FMHS Internal Financial Support

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

Applications must be made electronically via these portals:

Internal graduate student support

PDF fellowships
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8) **AECRP in the News**

*Gabriella interviewed on her LSD study in Neuropsychopharmacology cited in the publication list below.*

Press release by both McGill and MUHC-RI, 17 Mar 2022, “LSD, a future antianxiety Pill?”

**Pain In Space.** As the lift date for Space Ax-1 mission to the ISS approaches, stories on the research to be conducted will start to appear. This one introduces the research team who designed the pain research agenda to be conducted by Mark Pathy on the mission. The team, led by Pablo Ingelmo, includes our own Luda Diatchenko, Lisbet Haglund, and Jean Ouellet.


*If you have anything of interest, please send it in!* sec.paincentre@mcgill.ca

9) **Recent Publications**

*Conditioning to Enhance the Effects of Repetitive Transcranial Magnetic Stimulation on Experimental Pain in Healthy Volunteers.*
Front Psychiatry. 2022 Feb 22;13:768288.

*Effectiveness of Interventions for Prevention of Common Infections Among Opioid Users: A Systematic Review of Systematic Reviews.*

*Strategies aimed at preventing long-term opioid use in trauma and orthopaedic surgery: a scoping review.*
BMC Musculoskelet Disord. 2022 Mar 11;23(1):238.

*The Temporal Relation Between Pain and Fatigue in Individuals Receiving Treatment for Chronic Musculoskeletal Pain*  
Keiko Yamada, Heather Adams, Tamra Ellis, Robyn Clark, Craig Sully, Christian Lariviere, Michael JL Sullivan.  
Repeated lysergic acid diethylamide (LSD) reverses stress-induced anxiety-like behavior, cortical synaptogenesis deficits and serotonergic neurotransmission decline.
Neuropsychopharmacology. 2022 Mar 17.

Content development of the Child Community Health Inclusion Index: An evaluation tool for measuring inclusion of children with disabilities in the community.
Child Care Health Dev. 2022 Mar 17

Impact of patient partner co-design on survey development in primary care research: Case study.

French-Canadian Translation and Cultural Adaptation of the Clinical Opiate Withdrawal Scale: The COWS-FC.

Trajectory of gastrointestinal function after laparoscopic colorectal surgery within an enhanced recovery pathway.

The Role of Surface Chemistry in the Osseointegration of PEEK Implants
Emily Buck, Seunghwan Lee, Qiman Gao, Simon D Tran, Faleh Tamimi, Laura S Stone, Marta Cerruti

If you are alumni and would no longer like to receive AECRP emails, please email Ana Maria at sec.paincentre@mcgill.ca from the subscribed email account with the subject line
To be included in this newsletter, please send announcements to 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 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:
• Melzack Lecture: March 30th.
• Trainees Only - Journal Club: March 31st.
• Frontiers in Pain: April 13th.

1) Special Update

Louise and Alan Edwards Foundation Open Calls

Please note that the deadline for the Louise and Alan Edwards Grants in Pain Research is today, Monday, March 28th, 2022.

If you have any questions do not hesitate to contact us.

Certificate in Chronic Pain Management

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

**ZOOM**

Thursdays 9:30-11:00

Presenters should send their article to sec.paincenter@mcgill.ca the Monday before presenting

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<th>Date</th>
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<td>Coderre</td>
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<td>28 Apr</td>
<td>AEPMU</td>
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**Paper Selection**: Presenters are encouraged to select a recent, high-impact, pain-related paper that they find interesting!

* denotes trainee only journal club

3) **Frontiers in Pain Research**

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

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| Apr 13   | **Martin Schmelz, PhD**
University of Heidelberg Mannheim | “Contributions of primary nociceptors to chronic pain – translational aspects” | Arkady Khoutorsky | **ZOOM** 12:00 PM |
| May 18   | **Sebastien Talbot, PhD**
Tier-2 Canada Research Chair, Chair in Neuro-Immunology University of Montreal | “Pain neurons control cancer immunosurveillance” | Arkady Khoutorsky | Duff Building Room 208 4:00 pm |

For information, contact
Ana Maria Alvarez – ana.avarez@mcgill.ca (514-398-8975)
4) Other Lectures of Interest

Melzack Lecture Series:

"Deconstructing Chronic Pain"
30 March 2022 – 4:00 pm

Yoni Ashar PhD.

Yoni K. Ashar, PhD is an NIH-funded postdoctoral associate at Weill Cornell Medicine. He completed his doctorate at the University of Colorado Boulder. Yoni's research uses functional MRI brain imaging, natural language processing, and other clinical and computational tools to understand how mind and brain processes influence health, especially chronic pain. His recent research has focused on Pain Reprocessing Therapy, a novel psychological treatment for chronic pain.

Register HERE

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

Contact: Rebecca Binik
Organization: The Alan Edwards Pain Management Unit
Email: rebecca.binik@mcgill.ca
Website: https://www.mcgill.ca/paincentre/

5) Upcoming Student Seminars

FMHS Internal Financial Support

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

Applications must be made electronically via these portals:

Internal graduate student support
PDF fellowships
John J. Bonica Trainee Fellowship

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

ACFAS Summer School – Scientific Communications

Interested in improving your communications skills for your science? Acfas is running a French language summer school from June 24th to 26th in Estrie. Applications must be submitted by April 21st. For more information, consult their website.

6) Upcoming Events

CPS webinar on Person-Centered Care Session 3

The third Webinar in this series will be on Tuesday, March 29th at 12 noon EST. This session will be on “How can we do better: clinical and educational innovations in person-centred pain management.” Registration details will be available soon on the CPS website.

ACB Lecture by Jeff Mogil

The Dept of Anatomy & Cell Biology’s seminar series will have a talk by our very own Jeff Mogil on Wed, March 30th, 2002, at 11:30am. The talk is entitled “Pain, Sex & Death” and will discuss sex differences in the biological mechanisms underlying pain and talk about how these may effect the lifespan. The meeting will be held via Zoom:

https://mcgill.zoom.us/j/87378067623

Meeting ID: 873 7806 7623
Passcode: 583935

CPS Art Awards 2022

The second edition of the CPS Art Awards has been launched, this time with the theme “Pain and Mental Health”. To enter, you must be a member of the CPS. There are two streams: Scientific images (derived from experiments, e.g., MRI, microscopy) and Pain and mental health images (e.g. drawings, animations, etc). Three prizes will be awarded, each consisting of a 1 year’s membership in the CPS. Submissions must be made online.
by April 20th, 2022. A public “People’s Choice Award” jury will be used to evaluate and decide on winners during the last week of April.

NY Acad of Science – Advances in Pain meeting May 2022

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

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8) AECRP in the News

More press on Gabriella’s recent work on low-dose LSD administration and anxiety

Le Devoir, Pauline Gravel, 18 Mar 2022, “Soigner l’anxiété à petites doses de LSD”

Science Blog, 22 March 2022, “LSD, a future anxiety pill?”

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Paul Yejong Yoo, Annette Majnemer, Laury-Anne Bolduc, Karen Chen, Erin Lamb, Tanisha Panjwani, Robert Wilton, Sara Ahmed, Keiko Shikako
Child Care Health Dev. 2022 Mar 17.

Quality of mobility measures among individuals with acquired brain injury: an umbrella review
Rehab Alhasani, Claudine Auger, Matheus Paiva Azevedo, Sara Ahmed
Qual Life Res. 2022 Mar 11.
Pain Medication Beliefs Mediate the Relationship Between Pain Catastrophizing and Opioid Prescription Use in Patients With Chronic Non-Cancer Pain
Rachel A Elphinston, Michael J L Sullivan, Michele Sterling, Jason P Connor, John A Baranoff, Dylan Tan, Melissa A Day

Contextual control of conditioned pain tolerance and endogenous analgesic systems: Evidence for sex-based differences in endogenous opioid engagement
Trask S, Mogil JS, Helmstetter F, Stucky CL, Sadler KE

The spectrum of indomethacin-responsive headaches in children and adolescents
Kenneth A Myers, Rebecca Barmherzig, Nichelle R Raj, Saoussen Berrahmoune, Pablo Ingelmo, Christine Saint-Martin, Afsheen Q Khan, Megan Kouri, Cynthia Morris, Andrew D Hershey, Joanne Kacperski, Marielle A Kabbouche, Nada Mohamed, Rashmi R Rao, Ana Marissa Lagman-Bartolome, Amy A Gelfand, Christina L Szperka, Serena L Orr
Cephalalgia. 2022 Mar 18;3331024221076483.

Pagé MG, Dassieu L, Develay É, Roy M, Vachon-Presseau É, Lupien S, Rainville P.

Effects of Brief Mindfulness Interventions on the Interference Induced by Experimental Heat Pain on Cognition in Healthy Individuals.
Gill LN, Tabry V, Taylor V, Lussier M, Martinu K, Bherer L, Roy M, Rainville P.

Wrist, but Not Back, Isometric Contraction Induced Widespread Hypoalgesia in Healthy Participants
Catherine Mailloux, Timothy H Wideman, Hugo Massé-Alarie

Trajectory of change of low anterior resection syndrome over time after restorative proctectomy for rectal adenocarcinoma.

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