

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	Upcoming:
<ol style="list-style-type: none">1. Special Updates2. Journal Club3. Frontiers in Pain4. Other Lectures of Interest5. Upcoming Student Seminars6. Upcoming Events7. Career/Job Opportunities8. Pain in the News9. Recent Publications	<ul style="list-style-type: none">• QNJPI Seminar: Sept 8th• Journal Club: Sep. 16th• Frontiers in Pain: Oct 6th.

1) Special Update

Late Breaking News: QNJPI Seminar **TOMORROW**

On Wednesday, Sept 8th, 2021, the QNJPI will be hosting an on-line seminar “How to apply to a successful CIHR Fellowship?” The seminar will be given by Etienne Audet-Walsh from Laval University starting at 12 noon. The event will be conducted in both French and English. To register for the talk, which is highly encouraged, go to their [website](#)

Ronald Dubner Research Prize

Awarded by IASP, this award honors the best clinical or basic science research paper, series of papers or doctoral thesis in the field of pain that were published or in press while

the candidate is in training as a student, intern, resident, pre-doctoral fellow, post-doctoral fellow, or equivalent. The recipient is given the opportunity to present their research at the IASP World Congress on Pain (Toronto, 2022). The recipient also receives a plaque, economy airfare to the Congress, Congress registration, and Congress accommodation expenses, and a cash award of US\$2,000.

Submissions must be received by Oct 20th, 2021. For more information or to apply, consult their [website](#).

Upcoming CIHR deadlines

Fall 2021 Competition

- Application deadline: 15 Sept 2021

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ZOOM

Thursdays 9:30-11:00

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Oct 6* - BASIC SCIENCE LECTURE

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- Formulate scientific hypotheses, conceive, develop, and perform the experiments to verify these hypotheses;
- Collaborate on the writing of grant applications for the research unit's projects;
- Write scientific manuscripts reporting the results of the research;
- Develop new scientific projects in collaboration with the Research Unit Director.

For more information, consult the posting on our [website](#). The deadline to apply is Oct 1st, 2021.

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[Prognostic value of the Duke Activity Status Index \(DASI\) in patients undergoing colorectal surgery](#)

Charbel El-Kefraoui, Fateme Rajabiyazdi, Nicolò Pecorelli, **Franco Carli**, Lawrence Lee, Liane S Feldman, Julio F Fiore Jr
World J Surg. 2021 Aug 27.

[Validating a biosignature predicting placebo pill response in chronic pain in the settings of a randomized controlled trial](#)

Etienne Vachon-Pressseau, Taha B Abdullah, Sara E Berger, Lejian Huang, James W Griffith, Thomas J Schnitzer, A Vania Apkarian
Pain. 2021 Aug 23.

[Influence of caring for COVID-19 patients on nurse's turnover, work satisfaction, and quality of care](#)

Mélanie Lavoie-Tremblay, **Céline Gélinas**, Thalia Aubé, Eric Tchouaket, Dominique Tremblay, Marie-Pierre Gagnon, José Côté
J Nurs Manag. 2021 Aug 27.

[Web- and Mindfulness-Based Intervention to Prevent Chronic Pain After Cardiac Surgery: Protocol for a Pilot Randomized Controlled Trial](#)

Geraldine Martorella, Adam W Hanley, Scott M Pickett, **Céline Gelin**
JMIR Res Protoc. 2021 Aug 30;10(8):e30951.

[The Effect of Overdose Education and Naloxone Distribution: An Umbrella Review of Systematic Reviews.](#)

Razaghizad A, Windle SB, Filion KB, Gore G, **Kudrina I**, Paraskevopoulos E, Kimmelman J, **Martel MO**, Eisenberg MJ.
Am J Public Health. 2021 Aug;111(8):1516-1517.

[Exercise intervention in cancer patients with sleep disturbances scheduled for elective surgery: Systematic review.](#)

Atoui S, Coca-Martinez M, Mahmoud I, **Carli F**, Liberman AS.
Int J Surg. 2021 Aug 28;93:106069.

[Feasibility of a novel mixed-nutrient supplement in a multimodal prehabilitation intervention for lung cancer patients awaiting surgery: A randomized controlled pilot trial.](#)

Ferreira V, Lawson C, **Carli F**, Scheede-Bergdahl C, Chevalier S.
Int J Surg. 2021 Aug 28:106079.

[Artificial Intelligence Analysis of Mandibular Movements Enables Accurate Detection of Phasic Sleep Bruxism in OSA Patients: A Pilot Study](#)

Martinot JB, Le-Dong NN, Cuthbert V, Denison S, Gozal D, **Lavigne G**, Pépin JL
Nat Sci Sleep. 2021;13:1449-1459

[Current Concepts Review: Relevance of Sleep Disturbances to Orthopaedic Surgery: A Current Concepts Narrative and Practical Review](#)

Gabrielle Beetz, Alberto Herrero Babiloni, Marianne Jodoin, Camille Charlebois-Plante, **Gilles J Lavigne**, Louis De Beaumont, Dominique M Rouleau
J Bone Joint Surg Am. 2021 Sep 3.

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Should you have any questions, please do not hesitate to contact Ana Maria at ana.alvarez@mcgill.ca and she will be happy to assist you.

Attached to this Weekly Update you will find the guidelines and logos to be used.

We look forward to your proposals!

Arkady Khoutorsky, DVM, PhD
AECRP Scientific Events Committee

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7) Career/Job Opportunities

Faculty position now open – Dentistry/Pain Centre

The Faculty of Dentistry of McGill University is inviting applications for a tenure-track position at the rank of Assistant Professor or Associate Professor and in the field of Pain Research and its interaction with two strategic research themes of the Faculty: osseous tissue and Artificial Intelligence. Faculty of Dentistry has 4 research clusters including (1) Population Oral Health (2) Pain and Neuroscience (3) Biomaterials, Nanobiotechnology and Tissue Engineering and (4) Mineralized Tissues and Extracellular Matrix Biology (<https://www.mcgill.ca/dentistry/research>).

We seek to recruit an outstanding researcher who has shown leadership in the field of Pain Research. It is mandatory that the candidate conduct animal research. The candidate should champion the Faculty's vision, mission, and shared values (<https://www.mcgill.ca/dentistry/faculty>).

For more information and to apply visit the [McGill Workday platform](#).

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[Cannabis against chronic musculoskeletal pain: a scoping review on users and their perceptions.](#)

Furrer D, Kröger E, Marcotte M, Jauvin N, Bélanger R, **Ware M**, Foldes-Busque G, Aubin M, Pluye P, Dionne CE.
J Cannabis Res. 2021 Sep 4;3(1):41.

[CX3CR1 But Not CCR2 Expression Is Required for the Development of Autoimmune Peripheral Neuropathy in Mice.](#)

Oladiran O, Shi XQ, Fournier S, **Zhang J**.
Front Immunol. 2021 Aug 16; 12:720733.

[Medical cannabis or cannabinoids for chronic non-cancer and cancer related pain: a systematic review and meta-analysis of randomised clinical trials](#)

Li Wang, Patrick J Hong, Curtis May, Yasir Rehman, Yvgeniy Oparin, Chris J Hong, Brian Y Hong, Mahmood AminiLari, Lucas Gallo, Alka Kaushal, Samantha Craigie, Rachel J Couban, Elena Kum, Harsha Shanthanna, Ira Price, Suneel Upadhye, **Mark A Ware**, Fiona Campbell, Rachelle Buchbinder, Thomas Agoritsas, Jason W Busse
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1) **Special Update**

McGill Online Graduate Certificate in Chronic Pain Management

This is a very important program that the AECRP fully supports. It is intended to provide additional training in chronic pain management to healthcare professionals of all types. It is designed with the working professional in mind, and was fully online and “pajama friendly” before the pandemic was even contemplated. If this sounds like you or someone you know, please spread the word. The deadline to apply for the next session (starting Jan 2022) is Oct 15th. For more information or to apply, visit their [website](#).

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CPS Annual Meeting – Call for Abstracts

A call has been issued for abstracts for the next CPS annual meeting, which will take place here in Montreal on May 10th to 13th, 2022. The following events are now open for submissions:

- Symposia proposal abstracts: Oct 25th, 2021, 11:59ET
- Research poster abstracts: Nov 16th, 2021, 11:59ET
- Clinical Innovation abstracts: Nov 16th, 2021, 11:59ET

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FMOQ Meeting – Dependance et Douleur

The Fédération Des Médecins Omnipraticiens Du Québec (FMOQ) is organizing a meeting on Nov 11th and 12th, 2021 in Quebec City on the topic of “Pain and Addiction”. For more information or to register, visit their [website](#).

Canadian Arthritis Research Conference: Research with Impact

This year’s CARC will be held virtually on Feb 7th and 8th, 2021. There will be a day for oral presentations on Jan 31st, 2022 and posters during the meeting itself. Abstracts for both are due on Oct 4th, 2021. For more information, visit their [website](#).

ACFAS 89th Congress – Call for proposals

A call for symposia and talk proposals for the next ACFAS meeting, to be held May 9th to 13th, 2022, at Université Laval, has been issued. The meeting is planned for a “hybrid model” (both live and virtual).

For those who are not aware of the organization, ACFAS is a well-established society here in Quebec that is open to all disciplines. Its meetings are conducted in French. For more information or to submit a proposal, visit their [website](#). The deadline is Oct 12th.

7) Career/Job Opportunities

Faculty position now open – Dentistry/Pain Centre

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8) AECRP in the News

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

9) Recent Publications

[Accelerated functional brain aging in pre-clinical familial Alzheimer's disease.](#)

Gonneaud J, Baria AT, Pichet Binette A, Gordon BA, Chhatwal JP, Cruchaga C, Jucker M, Levin J, Salloway S, Farlow M, Gauthier S, Benzinger TLS, Morris JC, Bateman RJ, Breitner JCS, Poirier J, **Vachon-Preseau E**, Villeneuve S; Alzheimer's Disease Neuroimaging Initiative (ADNI); Dominantly Inherited Alzheimer Network (DIAN) Study Group; Pre-symptomatic Evaluation of Experimental or Novel Treatments for Alzheimer's Disease (PREVENT-AD) Research Group.
Nat Commun. 2021 Sep 9;12(1):5346.

[Inflammatory interactions between degenerated intervertebral discs and microglia: Implication of sphingosine-1-phosphate signaling.](#)

Navone SE, Campanella R, Guarnaccia L, **Ouellet JA**, Locatelli M, Cordiglieri C, Gualtierotti R, Gaudino C, Ciniglio Appiani G, Luzzi S, Borsa S, Rampini P, Pluderi M, **Haglund L**, Riboni L, Alini M, Marfia G.
J Orthop Res. 2021 Jul;39(7):1479-1495.

[Efficacy of ketamine in relieving neuropathic pain: a systematic review and meta-analysis of animal studies.](#)

Velzen MV, Dahan JDC, van Dorp ELA, **Mogil JS**, Hooijmans CR, Dahan A.
Pain. 2021 Sep 1; 162(9):2320-2330.

[Investigation of the relationship among cortisol, pro-inflammatory cytokines, and the degradation of tryptophan into kynurenine in patients with major depression and suicidal behavior](#)

Amel Messaoud, Mensi Rym, Douki Wahiba, Fadoua Neffati, Mohamed Fadhel Najjar, **Gabriella Gobbi**, Mirko Manchia, Flavia Valtorta, Gaha Lotfi, Stefano Comai
Curr Top Med Chem. 2021 Sep 9.

[Voluntary running attenuates behavioural signs of low back pain: Dimorphic regulation of intervertebral disc inflammation in male and female SPARC-null mice](#)

Seunghwan Lee, Seon Ho Jang, Miyako Suzuki-Narita, Stephanie Gregoire, **Magali Millecamps**, **Laura S Stone**
Osteoarthritis Cartilage. 2021 Sep 14;S1063-4584(21)00887-6.

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

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	
<ol style="list-style-type: none"> 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 	<p style="text-align: center;">Upcoming :</p> <ul style="list-style-type: none"> • Journal Club: Sep. 30th • Frontiers in Pain: Oct 6th.

1) **Special Update**

AECRP Human Studies Facility

As we transition this fall between the Genome and the Duff, changes will be made on how we operate. One thing to note is that the Duff is an “animal research” only space. Our human studies facility is thus being moved to room M/19 in the Strathcona Building (this is Cathy Bushnell’s old lab space). It is shared space, with some of it being occupied by the Martel lab, some by the Vachon-Presseau lab, and some as shared space for any appropriate AECRP member who needs a human testing room. There is only one such room in the M/19 Suite that “belongs” to the AECRP (as opposed to the PIs who are there) and, as with any of our shared space facilities, it requires bookings which are on a first-come, first-served basis. Those who are not familiar with our system and would like to book time, need to contact Lina Naso (lina.naso@mcgill.ca) who will explain things to you.

McGill Online Graduate Certificate in Chronic Pain Management

This is a very important program that the AECRP fully supports. It is intended to provide additional training in chronic pain management to healthcare professionals of all types. It is designed with the working professional in mind, and was fully online and “pajama friendly” before the pandemic was even contemplated. If this sounds like you or someone you know, please spread the word. The deadline to apply for the next session (starting Jan 2022) is Oct 15th. For more information or to apply, visit their [website](#).

Ronald Dubner Research Prize

Awarded by IASP, this award honors the best clinical or basic science research paper, series of papers or doctoral thesis in the field of pain that were published or in press while the candidate is in training as a student, intern, resident, pre-doctoral fellow, post-doctoral fellow, or equivalent. The recipient is given the opportunity to present their research at the IASP World Congress on Pain (Toronto, 2022). The recipient also receives a plaque, economy airfare to the Congress, Congress registration, and Congress accommodation expenses, and a cash award of US\$2,000.

Submissions must be received by Oct 20th, 2021. For more information or to apply, consult their [website](#).

Promotional Poster design competition for 26th Annual McGill Pain Day Deadline Oct 29th.

AECRP Trainees are invited to submit designs for the promotional materials required for the 26th Annual McGill Pain Day this January 20th. A prize of \$500.00 will be awarded to the winner of this competition. Designs must be submitted by October 29th to:

sec.paincentre@mcgill.ca

For your reference, Pain Day posters from previous events are available on our website: <https://www.mcgill.ca/painresearch/events/pain-day>. Variations of any one design will be accepted. Any required copyright permissions must be obtained and included with the poster submission.

Should you have any questions, or if you need a copy of the instructions for preparing a poster, please contact Ana Maria at ana.alvarez@mcgill.ca and she will be happy to assist you.

2) Journal Club

[ZOOM](#)

Thursdays 9:30-11:00

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

Date	Presenting Lab
September 30	Khoutorsky
October 14	Ribeiro-da-Silva
October 28	Martel*
November 11	Meloto
November 25	Zhang
December 9	Vachon-Presseau

*TRAINEES ONLY

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

3) Frontiers in Pain Research

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

DATE	SPEAKER	TITLE	HOST	LOCATION
2021				
Oct – 6*	Gary Lewin, PhD Max Delbrück Center for Molecular Medicine Molecular Physiology of Somatic Sensation – Group Leader	<i>“The molecular basis of sensory mechanotransduction and what drives pain”</i>	Arkady Khoutorsky	ZOOM 12:00 PM
Nov - 3	Ru-Rong Ji, PhD Professor of Anesthesiology Director of Center for Translational Pain Medicine Duke University Medical Center	<i>“Neuro-immune interactions in the pathogenesis and resolution of pain”</i>	Luda Diatchenko	ZOOM 4:00 PM
Dec - 1	Ishmail Abdus-Saboor, PhD Zuckerman Mind Brain Behavior Institute Columbia University	<i>“Towards mechanisms for pain and pleasure in mice”</i>	Reza Sharif- Naeini	ZOOM 4:00 PM

2022				
Jan 20 **	PAIN DAY: Mark Ware, MBBS, MSc. Chief Medical Officer Canopy Growth Corporation	<i>"Navigating the worlds of pain and cannabis: a journey from academia to industry...and beyond..."</i>	Arkady Khoutorsky and Reza Sharif-Naeini	New Residence Hall
Feb 16	Tor Wager, PhD Director of Brain Imaging Center Dartmouth College	<i>"Cerebral mechanisms of pain: From circuits to psychosocial interventions"</i>	Mathieu Roy	Duff Building Room 208 4:00 pm
Mar - 16	Jennifer Laird, PhD Vice-President, Search & Evaluation – Pain & Neurodegeneration Lilly Research Laboratories	<i>TBA</i>	Jeffrey Mogil	ZOOM 12:00 PM
Apr – 13	Martin Schmelz, PhD University of Heidelberg Mannheim	<i>TBA</i>	Arkady Khoutorsky	ZOOM 12:00 PM
May - 18	James Eisenach, MD Professor of Anesthesiology Wake Forest University	<i>"Working Through Pain To Resolve Pain"</i>	Jordi Perez	Duff Building Room 208 4:00 pm

Oct 6* - BASIC SCIENCE LECTURE

Jan 20** - PAIN DAY

For information, contact

Ana Maria Alvarez – ana.avarez@mcgill.ca (514-398-8975)

4) Other Lectures of Interest

French Pain Society – 21st annual meeting

The 21st annual meeting of the Societe Francaise d'etude et de traitement de la douleur will be held in Montpellier from Nov 17-19, 2021. It is planned to be both virtual and live.

Registration for this meeting is now open, **with reduced pricing in effect until Sept 21st, 2021**. For more details, visit their [website](#).

Watch the latest Melzack Lecture:

Jordi Perez MD, PhD, FIPP talks about ["Central Sensitization: practical tips for pain clinicians"](#)

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

5) Upcoming Student Seminars

CIHR Doctoral Research Awards

The Vanier Canada Graduate Scholarships for 2021-22 are now open. They fund doctoral research studies across the tri-council fields (Health, Science & Engineering, Social Sciences & Humanities) and are very competitive. But the other side of that is the stipend paid out: \$50,000/year for 3 years.

Both Canadian nationals and International PhD students are eligible. Applications are due on November 2nd, 2021. For more information and to apply, visit the Research Net [website](#).

6) Upcoming Events

Fundraising for pain

Nathan Augeard (Wideman Lab) is cycling to support people living with chronic pain through the Pain Revolution's "Go The Distance" Challenge. He plans on cycling 431 km in the month of October and he is looking for sponsors to help him meet his goal of \$200. If you would like to do so, you can make your pledge on their [Raisely website](#).

CPS Annual Meeting – Call for Abstracts

A call has been issued for abstracts for the next CPS annual meeting, which will take place here in Montreal on May 10th to 13th, 2022. The following events are now open for submissions:

- Symposia proposal abstracts: Oct 25th, 2021, 11:59ET
- Research poster abstracts: Nov 16th, 2021, 11:59ET
- Clinical Innovation abstracts: Nov 16th, 2021, 11:59ET

For more information, visit the CPS [website](#)

PAINTalks 2021

The 6th edition of PAINtalks will take place on November 5th, 2021, starting at 5pm EDT. Conditions allowing, this will be conducted as a hybrid event, with both on-site (Salle des Promotions, Quebec City) and remote participants. To participate you must register for the event, which you can do at their [website](#). As there may be limitations to the total number of participants which the on-site or tech platforms can accommodate, the earlier you do so, the better.

Quebec Symposium on Neurostimulation

The second edition of this Symposium will be held virtually on Oct 28th and 29th, 2021. This symposium offers a unique opportunity to bring together industry members, clinicians, researchers and students interested in the use of neurostimulation in neurosciences. By encouraging the presence of speakers and presenters from various fields, this initiative will allow participants to discover and appreciate several possible applications of neurostimulation, both from a mechanistic and a therapeutic perspective and to foster the establishment of collaborations between clinicians, researchers and industry. For more information, visit their [website](#) or email them at neurostimulation@usherbrooke.ca.

FMOQ Meeting – Dependence et Douleur

The Fédération Des Médecins Omnipraticiens Du Québec (FMOQ) is organizing a meeting on Nov 11th and 12th, 2021 in Quebec City on the topic of “Pain and Addiction”. For more information or to register, visit their [website](#).

Canadian Arthritis Research Conference: Research with Impact

This year’s CARC will be held virtually on Feb 7th and 8th, 2021. There will be a day for oral presentations on Jan 31st, 2022 and posters during the meeting itself. Abstracts for both are due on Oct 4th, 2021. For more information, visit their [website](#).

ACFAS 89th Congress – Call for proposals

A call for symposia and talk proposals for the next ACFAS meeting, to be held May 9th to 13th, 2022, at Université Laval, has been issued. The meeting is planned for a “hybrid model” (both live and virtual).

For those who are not aware of the organization, ACFAS is a well-established society here in Quebec that is open to all disciplines. Its meetings are conducted in French. For more information or to submit a proposal, visit their [website](#). The deadline is Oct 12th.

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Palada Lab (Helsinki) looking for doctoral & postdoctoral trainees.

The translational pain research group, led by Vinko Palada, Dept of Physiology, is seeking trainees interested in pursuing studies in the circadian regulation of pain and associated comorbidities. Those interested need to apply by the deadline, Nov 1st, 2021. For more information on the positions and the application process, visit their [website](#).

8) AECRP in the News

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9) Recent Publications

[Fluoroscopy-Guided High-Intensity Focused Ultrasound Neurotomy of the Lumbar Zygapophyseal Joints: A Clinical Pilot Study](#)

Jordi Perez, Michael Gofeld, Suzanne Leblang, Arik Hananel, Ron Aginsky, Johnny Chen, Jean-Francois Aubry, **Yoram Shir**
Pain Med. 2021 Sep 17; pnab275.

[The Effect of Overdose Education and Naloxone Distribution: An Umbrella Review of Systematic Reviews](#)

Amir Razaghizad, Sarah B Windle, Kristian B Filion, Genevieve Gore, **Irina Kudrina**, Elena Paraskevopoulos, Jonathan Kimmelman, **Marc O Martel**, Mark J Eisenberg
Am J Public Health. 2021 Aug;111(8):1516-1517.

[Day-to-day opioid withdrawal symptoms, psychological distress, and opioid craving in patients with chronic pain prescribed opioid therapy.](#)

Bruneau A, Frimerman L, Verner M, Sirois A, Fournier C, Scott K, **Perez J, Shir Y, Martel MO.**
Drug Alcohol Depend. 2021 Aug 1;225:108787.

[Disc degeneration spreads: long-term behavioural, histologic and radiologic consequences of a single-level disc injury in active and sedentary mice.](#)

Millecamps M, Lee S, Foster DZ, **Stone LS.**
Eur Spine J. 2021 Aug;30(8):2238-2246.

[Emergence delirium may not just be a recovery room problem](#) (editorial)

Pablo M Ingelmo, Marta Somaini, Thomas Engelhardt

Paediatr Anaesth. 2021 Oct;31(10):1022-1024.

[Spine Surgeons Burnout and Quality of Life. Results of a Worldwide Survey](#)

Abduljabbar, Fahad H.; Teles, Alisson R.; **Ouellet, Jean A.**; **Ferland, Catherine E.**; Wong, Chung Chek; Barbagallo, Giuseppe; Brodke, Darrel; Al-Mutair, Abdulaziz; Riew, K. Daniel; Falavigna, Asdrubal

SPINE: March 22, 2021

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