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## NEWS

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**ARE YOU INTERESTED IN  
CONTRIBUTING TO GRAD LIFE?**

**JOIN THE CMM/NSC/ASE  
GRADUATE STUDENT  
ASSOCIATION**

**OPEN VP EXTERNAL POSITION**

**FILL OUT THE FORM  
BY NOVEMBER 10TH**

**&**

**GET ELECTED INTO  
YOUR ROLE FOR  
NOV 2023 - AUG 2024**



**FOR MORE INFO**

**CHECK YOUR INBOX**

**<SUBJECT: CMM/NSC/ASE GSA - VP External recruitment>**



Are you interested in contributing to graduate student life in the Departments of CMM, NSC and ASE? Come join the **Graduate Students' Association**

**(GSA).**

We are currently recruiting for **VP External position** (role starts from **November 2023 to August 2024**); this position is open to all CMM/NSC/ASE graduate students!

The VP External will create a sponsorship package, reach out to companies to bring in money for the GSA, and assist with collaborative events.

Fill out the [form](#) by November 10th to be elected for a position.

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**“To give up a difficult path means to give up the glory and honour that will be achieved by overcoming these difficulties!” — Mehmet Murat ildan**

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# DEPARTMENT PUBLICATIONS

[Culture shapes spontaneous brain dynamics - shared versus idiosyncratic neural features among Chinese versus Canadian subjects.](#)

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Liu Y, Fillebeen C, Forest A, Botta A, Varin TV, Murette A, Burelle Y, Des Rosiers C, Pantopoulos K, Sweeney G.

[A data-driven approach to categorize patients with traumatic spinal cord injury: cluster analysis of a multicentre database.](#)

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[Tissue-Specific Tumour Suppressor and Oncogenic Activities of the Polycomb-like Protein MTF2.](#)

Ngubo M, Moradi F, Ito CY, Stanford WL.

[Colorectal Cancer Is Borrowing Blueprints from Intestinal Ontogenesis.](#)

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[Novel Probiotic Bacterium \*Rouxiiella badensis\* subsp. \*acadiensis\* \(Canan SV-53\) Modulates Gut Immunity through Epigenetic Mechanisms.](#)

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[Profound DNA methylomic differences between single- and multi-fraction alpha irradiations of lung fibroblasts.](#)

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[Suspension-Induced Stem Cell Transition: A Non-Transgenic Method to Generate Adult Stem Cells from Mouse and Human Somatic Cells.](#)

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[Oocyte-Specific Deletion of \*Slc6a9\* Encoding the GLYT1 Glycine Transporter Eliminates Glycine Transport in Mouse Preimplantation Embryos and Their Ability to Counter Hypertonic Stress.](#)

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[A conceptual framework for nomenclatural stability and validity of medically important fungi: a proposed global consensus guideline for fungal name changes supported by ABP, ASM, CLSI, ECMM, ESCMID-EFISG,](#)

[EUCAST-AFST, FDLC, IDSA, ISHAM, MMSA, and MSGERC.](#)

de Hoog S, Walsh TJ, Ahmed SA, Alastruey-Izquierdo A, Alexander BD, Arendrup MC, Babady E, Bai F-Y, Balada-Llasat J-M, Borman A, Chowdhary A, Clark A, Colgrove RC, Cornely OA, Dingle TC, Dufresne PJ, Fuller J, Gangneux J-P, Gibas C, Glasgow H, Gräser Y, Guillot J, Groll AH, Haase G, Hanson K, Harrington A, Hawksworth DL, Hayden RT, Hoenigl M, Hubka V, Johnson K, Kus JV, Li R, Meis JF, Lackner M, Lanternier F, Leal SM Jr, Lee F, Lockhart SR, Luethy P, Martin I, Kwon-Chung KJ, Meyer W, Nguyen MH, Ostrosky-Zeichner L, Palavecino E, Pancholi P, Pappas PG, Procop GW, Redhead SA, Rhoads DD, Riedel S, Stevens B, Sullivan KO, Vergidis P, Roilides E, Seyedmousavi A, Tao L, Vicente VA, Vitale RG, Wang Q-M, Wengenack NL, Westblade L, Wiederhold N, White L, Wojewoda CM, Zhang SX.

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[Mmp17-deficient mice exhibit heightened goblet cell effector expression in the colon and increased resistance to chronic \*Trichuris muris\* infection.](#)

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[Promising use of metformin in treating neurological disorders: biomarker-guided therapies.](#)

Loan A, Syal C, Lui M, He L, Wang J.

[Exploring the alternative virulence determinants PB2 S155N and PA S49Y/D347G that promote mammalian adaptation of the H9N2 avian influenza virus in mice.](#)

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[Differential DNA damage repair and PARP inhibitor vulnerability of the mammary epithelial lineages.](#)

Kim H, Aliar K, Tharmapalan P, McCloskey CW, Kuttanankuzhi A, Grünwald BT, Palomero L, Mahendralingam MJ, Waas M, Mer AS, Elliott MJ, Zhang B, Al-Zahrani KN, Langille ER, Parsons M, Narala S, Hofer S, Waterhouse PD, Hakem R, Haibe-Kains B, Kislinger T, Schramek D, Cescon DW, Pujana MA, Berman HK, Khokha R.

[Staufen1 controls mitochondrial metabolism via HIF2 \$\alpha\$  in embryonal rhabdomyosarcoma and promotes tumorigenesis.](#)

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[A comparison of rat models that best mimic immune-driven preeclampsia in humans.](#)

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[Transcriptional Dysregulation and Impaired Neuronal Activity in \*FMRI\* Knock-Out and Fragile X Patients' iPSC-Derived Models.](#)

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[\*Lentinula edodes\* Cultured Extract and \*Rouxiiella badensis\* subsp. \*acadiensis\* \(Canan SV-53\) Intake Alleviates](#)

- [Immune Deregulation and Inflammation by Modulating Signaling Pathways and Epigenetic Mechanisms.](#)  
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- [Associating Internalizing and Externalizing Symptom Features With the Personality Inventory for DSM-5 Brief Form \(PID-5-BF\) in a Large Community Sample.](#)  
Cox SML, McQuaid RJ, Ogunlana A, Jaworska N.
- [The cell volume-regulatory glycine transporter GLYT1 is activated following metallopeptidase-mediated detachment of the oocyte from the zona pellucida.](#)  
Ortman CS, Baltz JM.
- [Combinatorial Effect of Biomaterials and Extracellular Vesicle Therapy for Heart Failure with Reduced Ejection Fraction: A Systematic Review of Preclinical Studies.](#)  
Malhotra K, Van Remortel S, Ly V, Davis DR.
- [A promoterless AAV6.2FF-based lung gene editing platform for the correction of surfactant protein B deficiency.](#)  
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**Next CMM / NSC council meeting:**

Nov 13th 2023 at 1-2PM

Attend via [this link](#)

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