

CURRICULUM VITAE

Conall Eoghan Mac Cionnaith
Centre for Studies in Behavioural Neurobiology
Department of Psychology
Concordia University
7141 Rue Sherbrooke Ouest SP-244
Montreal, Quebec, Canada H4B 1R6
conallmaccionnaith@gmail.com
<https://conallmacc.com/>

Education:

- Ph.D. Concordia University, Montreal, Canada
Supervisor: Dr. Wayne Brake
2016- Present
Topic: Oxytocin transmission and the regulation of sexual preferences and reproductive effects in the female rat.
- M.A. Concordia University, Montreal, Canada
Supervisor: Dr. James Pfaus
2015-2016 (Transferred to Ph.D. programme without defending M.A.)
Topic: Fos expression in oxytocin neurons of female rats with a sexually conditioned mate preference.
- B.A. Honours in Psychology (1.1)
National University of Ireland, Maynooth
2011-2015

Publications:

James G Pfaus, Gonzalo Renato Quintana, Conall E Mac Cionnaith, Christine A Gerson, Simon Dubé, Genaro Coria-Avila (2020). Conditioning of Sexual Interests and Paraphilias in Humans Is Difficult to See, Virtually Impossible to Test, and Probably Exactly How It Happens: A Comment on Hsu and Bailey (2020). *Archives of Sexual Behavior*. <https://doi.org/10.1007/s10508-020-01739-2>

Amanda Holley, Conall E Mac Cionnaith, Christine A Gerson (2020). Sexual EDC-ucation: What we Have Learned About Endocrine-Disrupting Chemicals and Reproduction. *Current Sexual Health Reports*. <https://doi.org/10.1007/s11930-020-00269-1>

Elisa Maseroli, Andrea Santangelo, Beatriz Lara-Fontes, Gonzalo Renato Quintana, Conall E Mac Cionnaith, Maurizio Casarrubea, Valdo Ricca, Mario Maggi, Linda Vignozzi, James G Pfaus (2020). The non-aromatizable androgen dihydrotestosterone (DHT) facilitates sexual behavior in ovariectomized female rats primed with estradiol. *Psychoneuroendocrinology*. <https://doi.org/10.1016/j.psyneuen.2020.104606>

Conall E Mac Cionnaith, Alice Lemay, Eamonn L Gomez-Perales, Genevieve Robert, Rebecca Cernik, Wayne G Brake, James G Pfaus (2020). Fos expression is increased in oxytocin neurons of female rats with a sexually conditioned mate preference for an individual male rat. *Hormones & Behavior*. <https://doi.org/10.1016/j.yhbeh.2019.104612>

Christine A Gerson, Conall E Mac Cionnaith, Gonzalo Renato Quintana, James G Pfaus (2019). Effects of ovarian hormones on the emission of 50-kHz ultrasonic vocalizations during distributed clitoral stimulation in the rat. *Hormones & Behavior*. <https://doi.org/10.1016/j.yhbeh.2019.01.005>

Gonzalo R Quintana, Conall E Mac Cionnaith, James G Pfaus (2019). Behavior is the ultimate arbiter: An alternative explanation for the inhibitory effect of fluoxetine on the ovulatory homolog model of orgasm in rabbits. *PNAS*. <https://doi.org/10.1073/pnas.1917908116>

Gonzalo R Quintana, Morgan Birrel, Sarah Marceau, Narges Kalantari, James Bowden, Yvonne Bachoura, Eric Borduas, Valerie Lemay, Jason W Payne, Conall Mac Cionnaith, James G Pfaus (2019). Differential disruption of conditioned ejaculatory preference in the male rat based on different sensory modalities by micro-infusions of naloxone to the medial preoptic area or ventral tegmental area. *Psychopharmacology*. <https://doi.org/10.1007/s00213-019-05334-9>

James G Pfaus, Gonzalo R Quintana, Conall E. Mac Cionnaith, Mayte Parada (2016). The whole versus the sum of some of the parts: toward resolving the apparent controversy of clitoral versus vaginal orgasms. *Socioaffective Neuroscience & Psychology*. <https://doi.org/10.3402/snp.v6.32578>

Conference Presentations:

Mac Cionnaith, C. E., Gomez-Perales, E., Brake, W. G., Pfaus, J. G. (2019, November). The facilitating effects of acute oxytocin treatment on pacing and proceptive sexual behaviours are dose-dependent. Poster presented at the Annual Meeting of the Society for Neuroscience, Chicago, Illinois.

Rivest-Beauregard, M., Gerson, C. A., Mac Cionnaith, C. E., Gomez-Perales, E., Shalev, U., & Pfaus, J. (2019, May). Uncovering the Physical Properties of Clitoral Stimulation: Exploring Paint Bristle Stiffness and Conditioned Partner Avoidance in the Female Rat. Poster submitted for the 13th Annual Canadian Neuroscience Meeting, Toronto, Canada.

Gomez-Perales, E., Mac Cionnaith, C. E., Rivest-Beauregard, M., Cernik, R., Lemay, A., Brake, W.G, Chapman, A. & Pfaus, J. G (2019, May). The facilitating role of oxytocin on sexually conditioned partner preference in female rats. Poster presentation at the 13th Annual Canadian Neuroscience Meeting, Toronto, Canada.

Mac Cionnaith, C. E., Gomez-Perales, E., Cernik, R., Rivest-Beauregard, M., Lemay, A., Thomasse, L., Brake, W. G., Pfaus, J. G. (2019, April). The facilitating effect of oxytocin on sexually conditioned partner preference in the female rat. Poster presented at the British Neuroscience Association Festival of Neuroscience, Dublin, Ireland.

Mac Cionnaith, C. E., Lemay, A., Gomez-Perales, E. L., Robert, G., & Pfaus, J. G. (2018, November). Fos expression in female rats with a conditioned partner preference for an individual male. Poster presented at the Annual Meeting of the Society for Neuroscience, San Diego, California.

Mac Cionnaith, C. E., Lemay, A., Gomez-Perales, E. L., Robert, G. & Pfaus, J. G. (2017, June). Paced copulation is necessary but not sufficient for the formation of conditioned partner preference for an individual rat. Poster presented at the annual meeting of the Society for Behavioural Neuroendocrinology, Long Beach, California.

Quintana Zunino, G. R., Birrel, M., Desbien, S., Marceau, N., Calantari, Mac Cionnaith, C. E., & Pfaus, J. G. (2016, August). Differential disruption of conditioned ejaculatory preference in male rats by microinfusions of naloxone to the medial preoptic area or ventral tegmental area. Poster presented at the annual meeting of Society for Behavioural Neuroendocrinology, Montreal, Quebec.

Mac Cionnaith, C. E., Lemay, A., Gomez-Perales, E. L., Robert, G. & Pfaus, J. G. (2017, April). I chose you: Paced copulation is necessary but not sufficient for the development of conditioned mate choice in the female rat. Oral presentation delivered at the Interdisciplinary Conference in Psychology, Ottawa, Ontario

Grants and Awards:

2011 Undergraduate Entry Scholarship, Maynooth University
2015 W.J Smyth Award, Department of Psychology, Maynooth University
2015-2018 International Tuition Award of Excellence, Concordia University
2018-2019 Concordia Merit Scholarship, Concordia University

Other Activities:

2020-Present Founding member of the Concordia University Chapter of The IGH Sex and Gender Science Trainee Network
2018-Present Event Coordinator, Pint of Science Canada