

DEPARTMENT OF PHARMACOLOGY & THERAPEUTICS LIST OF PUBLICATIONS 2021

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BERNARD, DANIEL

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Marette, A.; Castagner, B.; Routy, B.*, A natural polyphenol exerts antitumor activity and circumvents anti-PD-1 resistance through effects on the gut microbiota. *Cancer Discov.* DOI: 10.1158/2159-8290.CD-21-0808.

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non-peer-reviewed publications

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HALES, BARBARA

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- *Wang X, Luu T, Beal MA, Barton-Maclaren TS, Robaire B, Hales BF. The effects of organophosphate esters used as flame retardants and plasticizers on granulosa, Leydig, and spermatogonial cells analyzed using high-content imaging. *Toxicol Sci.*

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- Kapron CM, Juriloff DM, Trasler J, Trasler TA, Hales BF. Daphne Trasler: In memoriam. *Birth Defects Res.* 2021 Dec 1;113(20):1427-1430. doi: 10.1002/bdr2.1966.

HÉBERT, TERRY

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- Nassour, H., Hoang, T.A., Martin, R.D., Dallagnol, J.C.C., Billard, E., Létour, M., Novellino, E., Caratenuto, A., Allen, B.G., Tanny, J.C., Fournier, A., Hébert, T.E. and Chatenet D. (2021) Membrane-tethered peptides derived from intracellular loops 2 and 3 of the urotensin II receptor act as allosteric biased agonists. *J. Biol. Chem.* 297:101057

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Accepted or in press articles

- Jones-Tabah, J. Mohamad, H., Clarke, P.B.S and Hébert, T.E. (2022) In vivo detection of GPCR-dependent signaling using fiber photometry and FRET-based biosensors (in press, *Methods*)
- Ferré, S., Ciruela, F., Dessauer, C.W., Gonzáles-Maeso, J., Hébert, T.E., Jockers, R., Logothetis, D.E. and Pardo, L. (2022) G protein-coupled receptor-effectir macromolecular membrane assemblies (GEMMA) (in press, *Pharmacology and Therapeutics*)
- Bourque, K., Hawey, C., Jones-Tabah, J., Pétrin, D., Martin, R.D., Sun, Y. and Hébert, T.E. (2022) Measuring hypertrophy in neonatal rat primary cardiomyocytes and human iPSC-derived cardiomyocytes. (in press, *Methods*)
- Jones-Tabah, J., Mohammad, H., Paulus, E.G. Clarke, P.B.S. and Hébert, T. E. (2022) The signalling and pharmacology of the dopamine D1 receptor. (in press, *Frontiers in Cellular Neuroscience*).
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- Mercier, V., Boucher, G., Devost, D., Bourque, K., Alikashani, A., Beauchamp, C., Bitton, A., Foisy, S., Goyette, Charron, G., Hébert, T.E., and Rioux, J.D. (2021) Compromised signalling of IBD-associated G Protein-Coupled Receptor 65 impairs key functions involved in resolution of inflammation

- Baidya, M., Chaturvedi, M., Dwivedi-Agnihotri, H., Ranjan, A., Devost, D., Namkung, Y., Stepniewski, T.M., Pandey, S., Baruah, M., Panigrahi, B., Maharana, J., Banerjee, R., Selent, J. Laporte, S.A., Hébert, T.E. and Shukla, A.K. (2022) Allosteric modulation of GPCR-induced b-arrestin and signaling by a synthetic intrabody. (submitted to Nature Chemical Biology, posted on BioRxiv: <https://www.biorxiv.org/content/10.1101/2022.01.11.475811v1>)

Book Chapters

- Bourque, K., Frohlich, E. and Hébert, T.E. (2022) Approaching GPCR dimers and oligomers using biophysical, biochemical and proteomic methods (in “GPCRs as Therapeutic Targets”, edited by A. Gilchrist, Wiley)
- Bourque, K., Mnasri, N., Jones-Tabah, J. Martins-Cannavino, K. and Hébert, T.E. (2022) Drug discovery in induced pluripotent stem cell models (in “Comprehensive Pharmacology”, edited by Terry Kenakin, Elsevier)
- Bourque, K., Dallagnol, J.C.C., Nassour, H., Chatenet, D., Allen, B.G. and Hébert, T.E. (2022) Exploring the use of intracellular and extracellular allosteric modulators to understand GPCR signaling (in “Allosteric Modulation of G Protein-Coupled Receptors”, edited by Robert Laprairie, Elsevier)

MAYSINGER, DUSICA

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