



Ludivine Morrison

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Ludivine Morrison completed both of her B.Sc. Microbiology and M.Sc. Biochemistry and Medical Genetics at the University of Manitoba.

RESEARCH OVERVIEW

My ongoing and past work in the lab has involved characterization of new clonal cell lines to identify possible biomarkers as diagnostic tools in medulloblastoma, as well as developed a protocol for a high throughput cell surface marker analysis kit using flow cytometry. I also manage the flow cytometric analysis screening services for the lab and collaborators.

PUBLICATIONS

Liang L, Aiken C, McClelland R, **Morrison LC**, Tatari N, Remke M, Ramaswamy V, Issaivanan M, Ryken T, Del Bigio MR, Taylor MD, Werbowetski-Ogilvie TE. *Characterization of novel biomarkers in selecting for subtype specific Medulloblastoma phenotypes*. Oncotarget. 2015

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Ali, Jennifer; Lagasse, Brittany; Minuk, Ainsley; Love, Allison; Moraya, Amani; Lam, Linda; Arthur, Gilbert; Gibson, Spencer; **Morrison, Ludivine**; Ogilvie, Tamra; Fu, Yangxin; Nachtigal, Mark. *Differential cellular responses induced by dorsomorphin and LDN-193189 in chemotherapy-sensitive and -resistant human epithelial ovarian cancer cells*. International Journal of Cancer. 2014

Ludivine Coudière Morrison, Robyn McClelland, Christopher Aiken, Xin Wang, Hiroaki Wakimoto, Michael D Taylor, Tamra Werbowetski-Ogilvie. *Deconstruction of medulloblastoma cellular heterogeneity reveals differences between the most highly invasive and self-renewing phenotypes*. Neoplasia. 2013.

Werbowetski-Ogilvie TE, **Morrison LC**, Fiebig-Comyn A, Bhatia M. *In vivo generation of neural tumors from neoplastic pluripotent stem cells models early human pediatric brain tumor formation*. Stem Cells. 2012

Megan Schwabiuk, **Ludivine Coudière**, David C. Merz. *SDN-1/syndecan limits the distribution of EGL-20/Wnt in the regulation of distal tip cell migration in C. elegans*. Developmental Biology. 2009

Hong Zheng, **Ludivine Coudière**, Cheryl Camia, Antonio Colavita, Joseph G. Culotti, David C. Merz. *C. elegans seu-1 encodes novel nuclear proteins that regulate responses to UNC-6/netrin guidance cues*. Developmental Biology. 2007 Oct 1;310(1): 44-53