

Wu Lab

Publications:

- Bauman B, K Buban, AL Russell, RJ Handa, TJ Wu (2019) Effects of shortened activity period and the role of dietary isoflavones on HPA axis activation in male mice. *Neuroscience* 406:268-277
- Russell, AL, RJ Handa and TJ Wu (2018) Mild blast traumatic brain injury effect on CRFRs: Potential link to anxiety-like behaviors. *Neuroscience* 392:1-12
- Russell, AL, AB Lucion, J Fiedler, CD Munhoz, TJ Wu, T Deak. (2018) Factors promoting vulnerability to long-lasting changes in stress reactivity and stress-related disease. *Journal of Neuroendocrinology* Aug 24:e12641
- Russell, AL, R Richardson, B Bauman, I Hernandez, S Saperstein, RJ Handa, TJ Wu (2018) Differential responses of the HPA axis to mild blast traumatic brain injury in males and females. *Endocrinology* 159:2363-2375
- Larco, DO, B Bauman, M Cho-Clark, SK Mani and TJ Wu (2018) GnRH-(1-5) inhibits TGFbeta signaling to regulate the migration of immortalized GnRH neurons. *Frontiers in Endocrinology* 9:41
- Bauman, BM, W Yin, AC Gore and TJ Wu (2017) Regulation of GnRH-(1-5) signaling genes by estradiol is age-dependent. *Frontiers in Endocrinology* 8:282
- Russell, AL, J Grimes, DO Larco, DF Cruthirds, J Westerfield, L Wooten, MF Keil, MJ Weiser, M Landauer, RJ Handa, TJ Wu (2017) The interaction of dietary isoflavones and estradiol replacement on behavior and brain-derived neurotrophic factor in the ovariectomized rat. *Neuroscience Letters* 640:53-59
- Keil, MF, Briassoulis, G, C Stratakis, TJ Wu (2016) Protein kinase A and anxiety behavior. *Frontiers in Endocrinology (Neuroendocrine Science Section)* 7:83-91
- Cho-Clark, MC, DO Larco, N Semsarzadeh, FC Vasta, SK Mani, TJ Wu (2014) GnRH-(1-5) transactivates the EGFR in Ishikawa Human Endometrial Cells via an orphan GPCR. *Molecular Endocrinology* 28:80-98
- Larco, DO, N Semsarzadeh, M Cho-Clark, SK Mani and TJ Wu (2013) β -arrestin 2 is a mediator of GnRH-(1-5) signaling in immortalized GnRH neurons. *Endocrinology* 154: 4726-4736
- Trivellin, G, AF Daly, FR Faucz, B Yuan, L Rostomyan, DO Larco, MH Scherthaner-Reiter, E Szarek, LF. Leal, J-H Caberg, E Castermans, C Villa, A Dimopoulos, P Chittiboina, P Xekouki, N Shah, D Metzger, P Lysy, E Ferrante, N Strebkova, N Mazerkina, MC Zatelli, M Lodish, A Horvath, R Bertollo de Alexandre, AD Manning, M de la Luz Sierra, V Bours, TJ Wu, CS Choong, J Bertherat, P Chanson, W Farrell, J Wess, S Costanzi, WP Liu, JR Lupski, A Beckers, CA Stratakis (2014) Gigantism and acromegaly due to Xq26 microduplications and GPR101 defects. *New England Journal of Medicine* 371:2363-2374.

Representative Press Release:

<http://www.newswise.com/articles/disrupted-brain-pathway-altered-stress-hormones-key-to-tbi-impact-differences-in-men-women>