Michael P. O'Donnell

Postdoctoral Fellow

Research

Education

1889-91 **Informal studies**, *Flying University*, Warsaw, Poland.

1893 **Master of Physics**, *Sorbonne Université*, Paris, France.

1894 **Master of Mathematics**, *Sorbonne Université*, Paris, France.

Nobel Prizes

1903 Nobel Prize in Physics. Awarded for her work on radioactivity with Pierre Curie and Henri Becquerel

1911 Nobel Prize in Chemistry. Awarded for the discovery of radium and polonium

Publications

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## [1] D. Garbe, M. O'Donnell, and G. Bashaw. "Cytoplasmic domain
## requirements for Frazzled-mediated attractive axon turning at the
## Drosophila midline". In: _Development_ (2007).
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## [2] X. Huang, C. Hong, M. O'Donnell, et al. "The doublesex-related
## gene, XDmrt4, is required for neurogenesis in the olfactory
## system". In: _Proceedings of the National Academy of Sciences_
## (2005).
##
## [3] S. Neal, A. Takeishi, M. O'Donnell, et al. "Feeding
## state-dependent regulation of developmental plasticity via CaMKI
## and neuroendocrine signaling". In: _Elife_ (2015).
##
## [4] M. O'Donnell and G. Bashaw. "Src inhibits midline axon
## crossing independent of Frazzled/Deleted in Colorectal Carcinoma
## (DCC) receptor tyrosine phosphorylation". In: _Journal of
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Neuroscience_ (2013).
##
[5] M. O'Donnell, R. Chance, and G. Bashaw. "Axon growth and
guidance: receptor regulation and signal transduction". In:
Annual review of neuroscience (2009).
##
[6] M. O'Donnell, C. Hong, X. Huang, et al. "Functional analysis
of Sox8 during neural crest development in Xenopus". In:
Development (2006).
##
[7] M. O'Donnell and G. Bashaw. "Distinct functional domains of
the Abelson tyrosine kinase control axon guidance responses to
Netrin and Slit to regulate the assembly of neural circuits". In:
Development (2013).
##
[8] J. Wu, M. O'Donnell, A. Gitler, et al. "Kermit 2/XGIPC, an
IGF1 receptor interacting protein, is required for IGF signaling
in Xenopus eye development". In: _Development_ (2006).