

# Michael P. O'Donnell

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*Postdoctoral Fellow*

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## Research

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## 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.

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## 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

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## 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).
##
## [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).

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