Murray Blackmore

Assistant Professor

Department of Biomedical Sciences
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EDUCATION

1999-2005 University of Minnesota
Ph.D. in Neuroscience
(Advisor: Paul Letourneau)

2009-2011 Research Assistant Professor
The Miami Project to Cure Paralysis, University of Miami

2005-2009 Postdoctoral Fellow
The Miami Project to Cure Paralysis, University of Miami
(Mentors: Vance Lemmon and John Bixby)

ADEMIC HONORS AND AWARDS

1996	Award for highest GPA in major (4.0)
2000-2005	Howard Hughes Predoctoral Fellowship
2000	NSF Predoctoral Fellowship (declined)
2000	University of Minnesota, Morris Smithberg Memorial Prize (top performing first year Neuroscience Graduate Student)
2010	

2. **M. Blackmore***, Z. Wang, D. Motti, J. L. Goldberg, V. P. Lemmon, and J. L. Bixby (2012). KLF7 engineered for transcriptional activation promotes axon regeneration in the adult corticospinal tract. *Proceedings of the National Academy of Sciences* 109(18) 6845-6851. * Corresponding Author

3. **M. Blackmore**, D. L. Moore, R. P. Smith, J. L. Goldberg, J. L. Bixby, and V. P. Lemmon (2010). High content screening of cortical neurons identifies novel regulators of axon growth. *Molecular and Cellular Neuroscience,* 44(1):43-54.

4. D. L. Moore*, **M. Blackmore***, Y. Hu, K. H. Kaestner, J. L. Bixby, V. P. Lemmon, and J. L. Goldberg (2009). KLF family members regulate intrinsic axon regeneration ability. *Science* 5950(326): 298-301. *These authors contributed equally

5. **M. Blackmore** and P. Letourneau (2007). Protein synthesis in distal axons is not required for axon growth in the embryonic spinal cord. *Developmental Neurobiology* 67: 976-86.

6. **M. Blackmore** and P. Letourneau (2006). L1, beta1 integrin, and cadherins mediate axonal regeneration in the embryonic spinal cord. *Journal of Neurobiology* 66: 1564-83.

7. **M. Blackmore** and P. Letourneau (2006). Changes within maturing neurons limit axonal regeneration in the developing spinal cord. *Journal of Neurobiology* 66: 348-60.

8. **M. Blackmore** and P. M Vitousek (2000). Cattle grazing, forest loss, and fuel loading in a dry forest ecosystem at Pu'u Wa'aWa'a ranch, Hawai'i. *Biotropica* 32:625-32:oAbstracts and Presentations:

M. Blackmore, Z. Wang, P. Zhe
testing of candidate genes to pro
in the injured spinal cord. *Internati*

2. **M. Blackmore**, Z. Wang, P. Zhe
testing of candidate genes to pro
in the injured spinal cord. *Neuros*

3. **M. Blackmore**, D. L. Moore, J. L. Goldberg

6. **M. Blackmore**, D. L. Moore,