

## **Roger Bradley**

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## **Education**

Carroll College, Helena, MT	Biology	B.A.	1984
Montana State University, Bozeman, MT	Biochemistry	M.S.	1987
Cornell University, New York, NY	Cell Biology and Genetics	Ph.D.	1993
The Salk Institute, La Jolla, CA	Developmental Biology	Post-doc	1994-99

## **Professional Experience**

2006-present Associate Professor of Cell Biology, Montana State University  
1999-2006 Assistant Professor of Cell Biology, Montana State University  
  
1994-1999 Postdoctoral Fellow in the Department of Molecular Neurosciences, The Salk Institute, La Jolla, CA. Sponsor: Dr. Chris Kintner.  
  
1997-1998 Adjunct Professor, Biology, San Diego City College, San Diego, CA  
  
1987-1993 Predoctoral Fellow in the laboratory of Dr. Anthony Brown at Cornell University Graduate School of Medical Sciences, New York, NY.

## **Teaching Experience**

1996-1997 Biology 107: General Biology, San Diego City College  
  
1999-present Biology 402/302: Advanced Cell and Molecular Biology  
Biology 311: Vertebrate Embryology  
Biology 451C: Senior Seminar in Biomedical Sciences  
Biology 422: Genes and Cancer  
Biology 467: Molecular Medicine  
Biology 489/490 Undergraduate Research

## **Publications**

J. Bononi, A. Cole, P. Tewson, A. Schumacher and R. Bradley. 2008. Chicken protocadherin-1 functions to localize neural crest cells to the dorsal root ganglia during PNS formation. *Mech. Devel.* 125:1033-1047.

M. Piper, A. Dwivedy, L. Leung, R.S. Bradley and C.E. Holt. 2008. NF-protocadherin and TAF1 regulate retinal axon initiation and elongation in vivo. *J. Neurosci.* 28:100-105.

- J.C. Kasemeier-Kulesa, R. Bradley, E.B. Pasquale, F. Lefcort, and P.M. Kulesa. 2006. Eph/ephrins and N-cadherin coordinate to control the pattern of sympathetic ganglia. *Development*. 133: 4839-47.
- D. Rashid, K. Newell, L. Shama, and R.S. Bradley. 2006. A requirement for NF-protocadherin and TAF1/Set in cell adhesion and neural tube formation. *Developmental Biology*. 291: 170-181.
- M.A. Heggem and R.S. Bradley. 2003. The Cytoplasmic Domain of *Xenopus* NF-Protocadherin Interacts with TAF1/Set. *Developmental Cell*. 4: 419-429.
- R.S. Bradley, A. Espeseth, and C. Kintner. 1998. NF-Protocadherin, a novel member of the cadherin superfamily of cell adhesion molecules, is required for *Xenopus* ectodermal differentiation. *Current Biology*. 8: 325-334.
- R. Riehl, K. Johnson, R. Bradley, G.B. Grunwald, A. Liellenbaum, and C.E. Holt. 1996. Cadherin function is required for axon outgrowth from retinal ganglion cells in vivo. *Neuron*. 17: 837-848.
- R.S. Bradley, and A.M.C. Brown. 1995. A soluble form of Wnt-1 protein with mitogenic activity on mammary epithelial cells. *Mol. Cell. Biol.* 15: 4616-4622.
- R.S. Bradley, P. Cowin, and A.M.C. Brown. 1993. Expression of Wnt-1 in PC12 cells results in modulation of plakoglobin and E-cadherin and increased cellular adhesion. *J. Cell Biology*. 126: 1857-1865.
- S.F. Jue, R.S. Bradley, J.A. Rudnicki, H.E. Varmus, and A.M.C. Brown. 1992. The mouse Wnt-1 gene can act via a paracrine mechanism in transformation of mammary epithelial cells. *Mol. Cell. Biol.* 12: 321-328.
- R.S. Bradley and A.M.C. Brown. 1990. The proto-oncogene int-1 encodes a secreted protein associated with the extracellular matrix. *EMBO J.* 9: 1569-1575.