

**Brian E. Richardson, Ph.D.**  
**Owner and Principal Writer**  
**Brian E. Richardson Science and Medical Writing**  
706 SE 28<sup>th</sup> Ave, Portland, OR 97214  
212-203-7713  
brian@brianerichardson.com  
www.brianerichardson.com  
www.linkedin.com/in/brianerichardson

## Summary

- Proven abilities in scientific and medical communication
- Extensive writing experience in academia and industry
- 10+ years of biomedical research experience

## Writing and Editing Experience

### Medical Writer

**Univadis International, Inc., Reading, MA**  
**June 2015 – Present**

- Create daily clinical summaries for a physician audience. Topics = stroke, dementia, head and neck cancer, rare cancers
- Appropriate tagging and promotional language to drive readership.

### Medical Writer

**DraftFcb Healthcare, New York, NY**  
**November 2012 – December 2015**

- Create, edit, and annotate marketing medical education materials for major pharmaceutical companies
- Work under deadline based on customer communication and medical-legal requirements

### Academic editor

**Enago, AJE, Boston Bioedit, Science Docs, Isis Group**  
**September 2012 – Present**

- Edit academic papers
- Wide variety of topics, including stem cells, neurology, and cancer

## Other Professional Experience

### Senior Research Associate

**Oregon Health and Science University, Portland, OR**  
**January 2014 – August 2015**

- Manage collaborative research projects on neurodegenerative diseases and cancer
- Contributed data and writing to two research manuscripts

- Independently wrote and obtained a \$45,000 research grant
- Helped write a five-year, multi-million dollar NIH RO1 research grant
- Co-manage a full-time research technician and mentor student assistants

### **Instructor**

**Portland Community College, Portland, OR**

**May 2013 – March 2014**

- Developed teaching methodology and curriculum, lectured, and led laboratory courses (BIT 109 Basic Lab Techniques, BIT203 Recombinant DNA, BIT223 Advanced DNA)
- Assisted in design and implementation of an award-winning program assessment strategy

### **Postdoctoral Research Fellow**

**NYU School of Medicine, New York, NY**

**December 2008 – September 2012**

- Managed large research project on cell migration using novel genetic screening methods and cell culture techniques
- Independently wrote and published a high-profile review article summarizing my field for a general scientific audience
- Independently wrote and obtained a three-year, \$150,000 NIH F32 research fellowship
- Directly managed a full-time research technician and mentored several students
- Taught three graduate-level course in genetics

### **Graduate Research Assistant**

**Memorial Sloan-Kettering Cancer Center, New York, NY**

**August 2002 – September 2008**

- Managed research project on muscle formation, developed novel high-resolution imaging assays, and used advanced genetic and molecular biology techniques
- Wrote and published four scientific articles describing my research findings
- Helped write a five-year, multi-million dollar NIH RO1 research grant
- Served as a teaching assistant to three graduate-level biology courses

## **Education**

**Cornell University (Weill Graduate School), New York, NY**

Ph.D. in Molecular and Cell Biology (2008)

**Pomona College, Claremont, CA**

B.A. in Biology (2000)

## **Fellowships/Grants**

**NBIA Disorders Association Research Grant**

1/2015-present

I independently wrote and obtained a grant for my principle investigator entitled “Examining the role of ischemia in the neurodegenerative disease PKAN.”

I independently wrote and obtained a fellowship entitled “Identifying the mechanistic role of the Wunens during germ cell migration.”

## Publications

Woltjer RL, Reese LC, **Richardson BE**, Tran H, Green S, Pham T, Chalupsky M, Gabriel I, Light T, Sanford L, et al. (2015). Pallidal neuronal apolipoprotein E in pantothenate kinase-associated neurodegeneration recapitulates ischemic injury to the globus pallidus. *Mol Genet Metab.* 116, 289-297.

Metzger, T., Gache, V., Xu, M., Cadot, B., Folker, E.S., **Richardson, B.E.**, Gomes, E.R. and Baylies, M.K. (2012). MAP and kinesin-dependent nuclear positioning is required for skeletal muscle function. *Nature* 484, 120-124.

**Richardson, B.E.** and Lehmann, R. (2010). Mechanisms guiding primordial germ cell migration: strategies from different organisms. *Nature Reviews Molecular Cell Biology* 11, 37-49.

**Richardson, B.E.**, Nowak, S., and Baylies, M.K. (2008). Myoblast fusion in fly and vertebrates: New genes, new processes and new perspectives. *Traffic* 9, 1050-1059.

**Richardson, B.E.**, Beckett, K., and Baylies, M.K. (2008). New views on *Drosophila* myoblast fusion. *BioEssays*, 30, 423-431.

**Richardson, B.E.**, Beckett, K. and Baylies, M.K. (2008). Live imaging of *Drosophila* myoblast fusion. *Methods in Molecular Biology*, 475, 263-274.

**Richardson, B.E.**, Beckett, K., Nowak, S.J. and Baylies, M.K. (2007). SCAR/WAVE and Arp2/3 are crucial for cytoskeletal remodeling at the site of myoblast fusion. *Development* 134, 4357-4367.