

## **Objective**

Having recently completed my post-doctoral research in molecular and cellular biology, I am currently pursuing a career in medical writing and editing. I am looking for freelance work that will allow me to utilize my scientific and research knowledge along with my writing and editing experience to effectively communicate science-related information to both research and lay audiences.

## **Experience**

- 2007-  
2009 **Form & Content Media**  
**Freelance Editor**  
Editing of biomedical imaging, nanotechnology, and micro/nanolithography manuscripts (UK).
- 2008-  
2009 **MedCom Asia Inc.**  
**Freelance Editor**  
Editing and writing of biological and medical manuscripts with a focus on those written by researchers who are not native English speakers (China).
- 2008-  
2009 **ScienceDocs Inc.**  
**Freelance Editor**  
Editing and writing of biological and medical manuscripts with a focus on those written by researchers who are not native English speakers (USA).
- 2008-  
2009 **Dr. Sina Bavari--United States Army Medical Research**  
**Institute for Infectious Diseases**  
**Freelance Writer/Editor**  
Writing and editing of manuscripts and research grants concerning Ebola and Marburg viruses.
- 2007-  
2009 **Kara Nyberg--Science Writer**  
**Freelance Editor**  
Editing and research for medical documents in various oncology fields (CME content).
- 2009 **BioMed Proofreading**  
**Freelance Editor**  
Editing and writing of biological and medical manuscripts (USA).
- 2008 **Millennium Medical Publishing**  
**Freelance Writer**  
Writing of monographs describing treatment advancements in various oncology fields for the journal *Clinical Advances in Hematology & Oncology* (CME content).
- 2008 **Med-Litera Writing and Editing**  
**Freelance Editor**  
Editing and writing of biological and medical manuscripts written by researchers who are not native English speakers (Turkey).
- 2008 **Harrisco**  
**Freelance Editor**  
Editing of biological and medical manuscripts written by researchers who are not native English speakers (Korea).
- 2007-  
2008 **Boston BioEdit Inc.**  
**Freelance Editor**  
Editing of biological and medical manuscripts written by researchers who are not native English speakers (Japan).

2007-  
2008 **American Society of Plastic Surgeons**  
**Freelance Researcher**  
Systematic search and critical analysis of literature for drafting practice recommendations. Requires in-depth knowledge of clinical research and drug trials.

2008 **Sui Generis Health**  
**Freelance Editor/ Researcher**  
Copyedit, fact check, and reference check slide sets for medical/infectious disease presentations. Requires in-depth knowledge of clinical research and drug trials.

**University of Colorado, Boulder CO**  
2007-  
2001 **Damon Runyon Cancer Research Foundation Post-doctoral Fellow**  
Responsibilities included conducting my own research program as well as reading, editing, and providing constructive criticism of grant applications, research papers, and laboratory reports written by peers.

**University of Arizona, Tucson AZ**  
1997-  
1996 **Teaching Assistant**  
Assisted in teaching Molecular Biology (MCB 411) and Biochemistry (BIOC 462). Responsibilities included tutoring, writing homework and exam questions, grading, giving review lectures, and holding office hours.

### **Education**

2001-  
1996 **University of Arizona, Tucson AZ**  
**Ph.D. in Molecular & Cellular Biology**  
Completed my graduate dissertation where I utilized genetic, molecular, and cellular biology techniques to study mRNA decay in yeast; identified and characterized the CCR4 deadenylase, the enzyme required for removal of poly(A) tails from mRNAs.

1995-  
1991 **Fort Lewis College, Durango CO**  
**B.S. in Molecular Biology**  
Majored in biology, encompassing such topics as anatomy, physiology, and cellular and developmental biology, along with a strong emphasis in molecular biology, genetics, and biochemistry.

### **Major Awards**

2002 Awarded a \$128,500 post-doctoral research grant from the Damon Runyon Cancer Research Foundation.

### **References**

Available upon request.

### **Academic Publications**

**Tucker M**, Han M. (2009). Model organisms for human disorders: Worm. In Vogel, Motulsky, Antonarakis, and Speicher (Eds.), *Human Genetics: Principles and Approaches* (4th ed.). (Available November 3, 2009)

**Tucker M**, Han M. (2008). Muscle cell migrations of *C. elegans* are mediated by the alpha-integrin INA-1, Eph receptor VAB-1, and a novel peptidase homologue MNP-1. *Dev Biol.* 318:215-23.

**Tucker M**, Sieber M, Morphew M, Han M. (2005). The *Caenorhabditis elegans* aristaless orthologue, *alr-1*, is required for maintaining the functional and structural integrity of the amphid sensory organs. *Mol Biol Cell* 16: 4695-4704.

del Campo JJ, Opoku-Serebuoh E, Isaacson AB, Scranton VL, **Tucker M**, Han M, Mohler WA. (2005). Fusogenic activity of EFF-1 is regulated via dynamic localization in fusing somatic cells of *C. elegans*. *Curr Biol* 15: 413-423.

**Tucker M**, Staples RR, Valencia-Sanchez MA, Muhlrad D, Parker R. (2002). Ccr4p is the catalytic subunit of a Ccr4p/Pop2p/Notp mRNA deadenylase complex in *Saccharomyces cerevisiae*. *EMBO J* 21: 1427-1436.

Coller JM, **Tucker M**, Sheth U, Valencia-Sanchez MA, Parker R. (2001). The DEAD box helicase, Dhh1p,

functions in mRNA decapping and interacts with both the decapping and deadenylase complexes. *RNA* 7: 1717-1727.

**Tucker M**, Valencia-Sanchez MA, Staples RR, Chen J, Denis CL, Parker R. (2001). The transcription factor associated Ccr4 and Caf1 proteins are components of the major cytoplasmic mRNA deadenylase in *Saccharomyces cerevisiae*. *Cell* 104: 377-386.

Dunkley T, **Tucker M**, Parker R. (2001). Two related proteins, Edc1p and Edc2p, stimulate mRNA decapping in *Saccharomyces cerevisiae*. *Genetics* 157: 27-37.

**Tucker M**, Parker R. (2000). Mechanisms and control of mRNA decapping in *Saccharomyces cerevisiae*. *Annu Rev Biochem* 69: 571-595.