

## **DANIEL J. MORATH, Ph.D.**

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Dr. Morath, a TraskBritt associate, holds a Ph.D. in Molecular Biology from the University of Utah, a B.S. in Cellular and Molecular Biology from the University of Michigan, and received a J.D. from Brigham Young University in 2005.

Dr. Morath's doctoral dissertation centered around the development of glial stem cells, and more specifically on the metal requirements for proper fate specification and differentiation. As a post-doctoral fellow, Dr. Morath staged the embryonic lethality of Anitizyme 1/2 knockout mice, generated novel myoblast cell lines and explored the effects of gentamicin treatment on stop codon readthrough.

### **Technical Expertise**

Biotechnology & Pharmaceuticals  
Nanotechnology

### **Prior Professional Experience**

Post doctoral fellow, Gesteland lab, University of Utah

### **Education**

University of Michigan, B.S. in Cellular and Molecular Biology  
University of Utah, Ph.D. in Molecular Biology  
Brigham Young University, Juris Doctor

### **Bar Admissions**

U.S. Patent & Trademark Office  
Utah Bar

### **Court Admissions**

Utah Supreme Court  
U.S. District Court, District of Utah

### **Publications and Presentations**

Morath, Groves, Noble, and Mayer-Pröschel. "Characterization of immortalized neuroepithelial stem cells." Abstract, 36th American Society for Cell Biology Annual Meeting (1996).

Morath and Mayer-Pröschel. "Iron modulates the differentiation of a distinct population of glial precursor cells into oligodendrocytes." *Developmental Biology* 237(1) (2001): 232-43.

Mayer-Pröschel, Morath, and Noble. "Are hypothyroidism and iron deficiency precursor cell diseases?" *Developmental Neuroscience* 23(4-5) (2001):277-86.

Morath and Mayer-Pröschel. "Iron Deficiency during embryogenesis and consequences for oligodendrocyte generation in vivo." *Developmental Neuroscience* 24(2-3) (2002):197-207.

### **Community and Professional Organizations**

Member, Phi Lambda Upsilon, National Honorary Chemical Society  
Member, Provider Human Rights Committee, Achieve Community Services, since 2003

### **Joined Firm**

2003

**PRACTICE AREAS**

Patent Prosecution

**TECHNOLOGY AREAS**

Chemical & Chemical Process

Life Science

Medical Devices