



## Ryan J. Fletcher, Ph.D.

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Dr. Fletcher is an attorney in the Denver Office of Merchant & Gould. A Ph.D. in Biochemistry, his practice covers all areas of intellectual property law with an emphasis on patent litigation, opinions and assisting in patent prosecution.

Prior to joining Merchant and Gould, Ryan studied the structure and function of minichromosome maintenance (MCM) proteins at the University of Colorado. Ryan solved and published the x-ray crystallography structure for the n-terminal portion of an archaeal MCM protein, revealing a double hexamer formation. While at the University of Buffalo, Ryan studied the cellular distribution of iron in the brain of the Belgrade rat.

### Education

State University of New York at Buffalo  
*B.S., Biochemistry, cum laude, 1999*  
*Minor, Medicinal Chemistry*

University of Colorado Health Sciences Center  
*Ph.D., Biochemistry, 2005*

University of Denver Sturm College of Law  
*J.D., 2008*

### Bar Admissions

Minnesota State Bar, 2008  
Colorado, 2011  
U.S. District Court for the District of Minnesota, 2008  
U.S. District Court for the District of Colorado, 2011  
U.S. District Court for the Eastern District of Texas, 2010

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Denver

Knoxville

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New York

Seattle

Washington DC

## Ryan J. Fletcher, Ph.D. (Continued)

### Selected Peer-Reviewed Publications

**Fletcher RJ**, Bishop BE, Leon RP, Sclafani RA, Ogata CM, Chen XS. The structure and function of MCM from archaeal M. Thermoautotrophicum. *Nature Structure Biology*. 2003 Mar; 10(3): 160-67. **Cover Story**.

Sclafani RA, **Fletcher RJ**, Chen XS. (2004) Two heads are better than one: regulation of DNA replication by hexameric helicases. *Genes and Development*. 2004 Sep 1; 18(17): 2039-45.

**Fletcher RJ**, Shen JP, Gomez-Llorente Y, Marten CS, Carazo JM, Chen XS. Double hexamer disruption and biochemical activities of Methanobacterium thermoautotrophicum MCM. *J Biol Chem*. 2005 Dec 23; 280(51): 42405-10.

Gomez-Llorente Y, **Fletcher RJ**, Chen XS, Carazo JM, Sam Martin C. Polymorphism and double hexamer structure in the archaeal minichromosome maintenance (MCM) helicase from Methanobacterium thermoautotrophicum. *J Biol Chem*. 2005 Dec 9; 280(49): 40909-15.

**Fletcher RJ**, Chen XS. Biochemical activities of the BOB1 mutant in Methanobacterium thermoautotrophicum MCM. *Biochemistry*. 2006 Jan 17; 45(2): 462-7.

Burdo JR, Martin J, Menzies SL, Dolan KG, Romano MA, **Fletcher RJ**, Garrick MD, Garrick LM, Conner JR. Cellular distribution of iron in the brain of the Belgrade rat. *Neuroscience*. 1999. 93(3): 1189-96.

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