



## Martin McLaughlin

Postdoctoral Scholar, Bioengineering

### Bio

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#### STANFORD ADVISORS

- Michael Fischbach, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Substrate Recognition by the Peptidyl-(S)-2-mercaptoglycine Synthase TglHI during 3-Thiaglutarate Biosynthesis.** *ACS chemical biology*  
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- **Overall Retention of Methyl Stereochemistry during B-12-Dependent Radical SAM Methyl Transfer in Fosfomycin Biosynthesis** *BIOCHEMISTRY*  
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- **The Fellowship of the Rings: Macrocyclic Antibiotic Peptides Reveal an Anti-Gram-Negative Target.** *Biochemistry*  
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- **Insights into AMS/PCAT transporters from biochemical and structural characterization of a double Glycine motif protease.** *eLife*  
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- **Stereospecific Radical-Mediated B12-Dependent Methyl Transfer by the Fosfomycin Biosynthesis Enzyme Fom3.** *Biochemistry*  
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- **Crystallographic snapshots of sulfur insertion by lipoyl synthase.** *Proceedings of the National Academy of Sciences of the United States of America*  
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2016; 55 (2): 373-381
- **X-ray structure of an AdoMet radical activase reveals an anaerobic solution for formylglycine posttranslational modification.** *Proceedings of the National Academy of Sciences of the United States of America*  
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- **Structural basis for methyl transfer by a radical SAM enzyme.** *Science (New York, N.Y.)*  
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