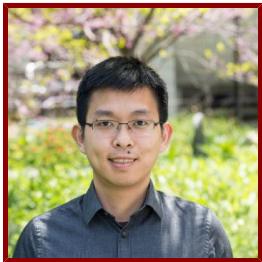


# Stanford

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## John Cao

Postdoctoral Scholar, Genetics

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Chicago (2021)
- Master of Science, University of Chicago (2016)
- PhD, University of Chicago , Cancer Biology (2021)
- Master of Science, University of Chicago , Translational Research (2016)
- Bachelor of Art, Vanderbilt University , Molecular and Cellular Biology Economics (2013)

#### STANFORD ADVISORS

- Michael Snyder, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### LAB AFFILIATIONS

- Michael Snyder, Snyder Lab (8/9/2021)

### Publications

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#### PUBLICATIONS

- **BET inhibitors enhance embryonic and fetal globin expression in erythroleukemia cell lines** *HAEMATOLOGICA*  
Cao, J. Z., Bigelow, K., Wickrema, A., Godley, L. A.  
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- **MYC Regulation of D2HGDH and L2HGDH Influences the Epigenome and Epitranscriptome** *CELL CHEMICAL BIOLOGY*  
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- **Mitochondrial superoxide disrupts the metabolic and epigenetic landscape of CD4+ and CD8+ T-lymphocytes** *REDOX BIOLOGY*  
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● **Cytokine-Regulated Phosphorylation and Activation of TET2 by JAK2 in Hematopoiesis.** *Cancer discovery*

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● **Regulation of 5-Hydroxymethylcytosine Distribution by the TET Enzymes DNA, RNA, AND HISTONE METHYLOMES**

Cao, J. Z., Hains, A. E., Godley, L. A., Jurga, S., Barciszewski, J.  
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● **Fumarate and Succinate Regulate Expression of Hypoxia-inducible Genes via TET Enzymes** *JOURNAL OF BIOLOGICAL CHEMISTRY*

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