



## Yanyu Zhu

Postdoctoral Scholar, Bioengineering

### Bio

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#### STANFORD ADVISORS

- Stanley Qi, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Nested epistasis enhancer networks for robust genome regulation.** *Science (New York, N.Y.)*  
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- **Real-Time Fluorescence Microscopy on Living E. coli Sheds New Light on the Antibacterial Effects of the King Penguin beta-Defensin AvBD103b** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*  
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- **Local rigidification and possible coacervation of the Escherichia coli DNA by cationic nylon-3 polymers** *BIOPHYSICAL JOURNAL*  
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- **Diverse Impacts on Prokaryotic and Eukaryotic Membrane Activities from Hydrophobic Subunit Variation Among Nylon-3 Copolymers** *ACS CHEMICAL BIOLOGY*  
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- **Biophysical Properties of Escherichia coli Cytoplasm in Stationary Phase by Superresolution Fluorescence Microscopy** *MBIO*  
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- **Rigidification of the Escherichia coli cytoplasm by the human antimicrobial peptide LL-37 revealed by superresolution fluorescence microscopy** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Zhu, Y., Mohapatra, S., Weisshaar, J. C.  
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- **Structural Flexibility and Conformation Features of Cyclic Dinucleotides in Aqueous Solutions** *JOURNAL OF PHYSICAL CHEMISTRY B*

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2016; 120 (10): 2670-2680