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- Alex Gao, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Protein-templated synthesis of dinucleotide repeat DNA by an antiphage reverse transcriptase.** *Science (New York, N.Y.)*
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- **Unique structural and ligand-binding properties of the *Staphylococcus aureus* serine hydrolase FphE.** *Proceedings of the National Academy of Sciences of the United States of America*
Jo, J., Upadhyay, T., You, X., Bennett, J. M., Lee, H., Bogyo, M., Fellner, M.
2026; 123 (13): e2532683123
- **Diverse bacterial pattern recognition receptors sense the conserved phage proteome.** *bioRxiv : the preprint server for biology*
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- **Discovery of a Two-Step Enzyme Cascade Converting Aspartate to Aminomalonnate in Peptide Natural Product Biosynthesis** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Kim, H., Kang, S., Kim, S., Lee, H., Hur, Y., Song, W., Oh, D., Kim, S.
2025
- **Naturally ornate RNA-only complexes revealed by cryo-EM.** *Nature*
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