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INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

STANFORD ADVISORS

- Matthew Bogyo, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Imaging of Staphylococcus aureus Infections and Biofilms Using a Selective Covalent Probe for the Unique Serine Hydrolase FphE.** *Angewandte Chemie (International ed. in English)*
Woods, E. C., Upadhyay, T., Park, K. W., Su, S. P., Xiao, Z., Rao, J., Valdez, T. A., Jo, J., Bogyo, M.
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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*
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- **Unique structural and ligand binding properties of the Staphylococcus aureus serine hydrolase FphE.** *bioRxiv : the preprint server for biology*
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- **Identification of covalent inhibitors of Staphylococcus aureus serine hydrolases important for virulence and biofilm formation.** *Nature communications*
Upadhyay, T., Woods, E. C., Dela Ahator, S., Julin, K., Faucher, F. F., Uddin, M. J., Hollander, M. J., Pedowitz, N. J., Abegg, D., Hammond, I., Eke, I. E., Wang, S., Chen, et al
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- **A robust fluorogenic substrate for chikungunya virus protease (nsP2) activity.** *Protein science : a publication of the Protein Society*
Makhaik, S., Rut, W., Choudhary, S., Upadhyay, T., Hao, C., Westberg, M., Bobst, C., Yoo, E., Fejzo, J., Lin, M. Z., Bogyo, M., Thompson, P., Drag, et al
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- **An mRNA Display Approach for Covalent Targeting of a Staphylococcus aureus Virulence Factor.** *Journal of the American Chemical Society*
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- **Development of Oxadiazolone Activity-Based Probes Targeting FphE for Specific Detection of Staphylococcus aureus Infections.** *Journal of the American Chemical Society*

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