



Shanshan Li

Postdoctoral Research Fellow, Bioengineering

Bio

STANFORD ADVISORS

- Wah Chiu, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Cryo-EM structures of *Helicobacter pylori* vacuolating cytotoxin A oligomeric assemblies at near-atomic resolution** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Zhang, K., Zhang, H., Li, S., Pintilie, G. D., Mou, T., Gao, Y., Zhang, Q., van den Bedeme, H., Schmid, M. F., Au, S., Chiu, W.
2019; 116 (14): 6800–6805
- **Cryo-EM structure of a 40 kDa SAM-IV riboswitch RNA at 3.7 Å resolution.** *Nature communications*
Zhang, K., Li, S., Kappel, K., Pintilie, G., Su, Z., Mou, T. C., Schmid, M. F., Das, R., Chiu, W.
2019; 10 (1): 5511
- **Coupling of ssRNA cleavage with DNase activity in type III-A CRISPR-Csm revealed by cryo-EM and biochemistry** *CELL RESEARCH*
Guo, M., Zhang, K., Zhu, Y., Pintilie, G. D., Guan, X., Li, S., Schmid, M. F., Ma, Z., Chiu, W., Huang, Z.
2019; 29 (4): 305–12
- **Automated Sequence Design of 3D Polyhedral Wireframe DNA Origami with Honeycomb Edges** *ACS NANO*
Jun, H., Shepherd, T. R., Zhang, K., Bricker, W. P., Li, S., Chiu, W., Bathe, M.
2019; 13 (2): 2083–93
- **TRPC Channels and Glioma** *TRANSIENT RECEPTOR POTENTIAL CANONICAL CHANNELS AND BRAIN DISEASES*
Li, S., Ding, X., Wang, Y.
2017; 976: 157–65
- **Crucial role of TRPC6 in maintaining the stability of HIF-1 alpha in glioma cells under hypoxia** *JOURNAL OF CELL SCIENCE*
Li, S., Wang, J., Wei, Y., Liu, Y., Ding, X., Dong, B., Xu, Y., Wang, Y.
2015; 128 (17): 3317–29