



## Hope Leng

Ph.D. Student in Bioengineering, admitted Autumn 2021

### Publications

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#### PUBLICATIONS

- **Fluid-Squid: DIY Multiplexed Imaging of Cells and Tissues.** *bioRxiv : the preprint server for biology*  
Hickey, J. W., Li, H., Caraccio, C., Yan, Y., Marx, K., Martin, P., Leng, H. T., Fayiah, J., Towalid, E., Dighero-Kemp, B., Nolan, G. P., Prakash, M., Mclwain, et al  
2025
- **Ice gliding diatoms establish record-low temperature limits for motility in a eukaryotic cell.** *Proceedings of the National Academy of Sciences of the United States of America*  
Zhang, Q., Leng, H. T., Li, H., Arrigo, K. R., Prakash, M.  
2025; 122 (37): e2423725122
- **Scalable Human iPSC-to-3D Bioprinting Pipeline: Successful Large-Scale Production Using Automated Bioreactor Systems**  
Ladi, R., Ho, D., Lee, S., Du, J., Weiss, J., Tam, T., Sinha, S., Klinger, D., Devine, S., Hamfeldt, A., Leng, H., Herrmann, J., He, et al  
CELL PRESS.2024: 640
- **Large-Scale Production of Wholly-Cellular Bioinks via the Optimization of Human Induced Pluripotent Stem Cell Aggregate Culture in Automated Bioreactors.** *Advanced healthcare materials*  
Ho, D. L., Lee, S., Du, J., Weiss, J. D., Tam, T., Sinha, S., Klinger, D., Devine, S., Hamfeldt, A., Leng, H. T., Herrmann, J. E., He, M., Fradkin, et al  
2022: e2201138