

# Stanford

---



## Soham Sinha

Ph.D. Student in Bioengineering, admitted Autumn 2020

### Bio

---

#### EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2022)
- BS, Georgia Institute of Technology , Chemistry (2020)
- BS, Georgia Institute of Technology , Chemical and Biomolecular Engineering (2020)

#### LINKS

- Personal Site: <https://1sohamsinha.wixsite.com/sohamsinha>

### Publications

---

#### PUBLICATIONS

- **A Visual, In-Expensive, and Wireless Capillary Rheometer for Characterizing Wholly-Cellular Bioinks.** *Small (Weinheim an der Bergstrasse, Germany)*  
Du, J., Lee, S., Sinha, S., Solberg, F. S., Ho, D. L., Sampson, J. P., Wang, Q., Tam, T., Skylar-Scott, M. A.  
2023: e2304778
- **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
- **LoCHAid: An ultra-low-cost hearing aid for age-related hearing loss** *PLOS ONE*  
Sinha, S., Irani, U. D., Manchaiah, V., Bhamla, M.  
2020; 15 (9): e0238922
- **ElectroPen: An ultra-low-cost, electricity-free, portable electroporator.** *PLoS biology*  
Byagathvalli, G., Sinha, S., Zhang, Y., Styczynski, M. P., Standeven, J., Bhamla, M. S.  
2020; 18 (1): e3000589
- **A 3D-printed hand-powered centrifuge for molecular biology.** *PLoS biology*  
Byagathvalli, G., Pomerantz, A., Sinha, S., Standeven, J., Bhamla, M. S.  
2019; 17 (5): e3000251