



Carla Huerta Lopez

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Bio

INSTITUTE AFFILIATIONS

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

STANFORD ADVISORS

- Sarah Heilshorn, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Targeting Cell-Matrix Induced Chemoresistance With Regorafenib in a 3D Model of Osteosarcoma.** *Journal of biomedical materials research. Part A*
Rao, R. R., Huang, M. S., Zhang, D., Huerta-López, C., Long, C., Rodriguez, G. A., Mozipo, E. A., Sagi, S., Heilshorn, S. C.
2025; 113 (9): e37985
- **Organoid bioprinting to pattern the matrix microenvironment.** *Current opinion in biomedical engineering*
Zhang, D., Huerta-López, C., Heilshorn, S. C.
2025; 35
- **Viscoelastic N-cadherin-like interactions maintain neural progenitor cell stemness within 3D matrices.** *Nature communications*
Huang, M. S., LeSavage, B. L., Ghorbani, S., Gilchrist, A. E., Roth, J. G., Huerta-López, C., Mozipo, E. A., Navarro, R. S., Heilshorn, S. C.
2025; 16 (1): 5213
- **Engineered matrices reveal stiffness-mediated chemoresistance in patient-derived pancreatic cancer organoids.** *Nature materials*
LeSavage, B. L., Zhang, D., Huerta-López, C., Gilchrist, A. E., Krajina, B. A., Karlsson, K., Smith, A. R., Karagyozyova, K., Klett, K. C., Huang, M. S., Long, C., Kaber, G., Madl, et al
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