

# Stanford

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## Louai Labanieh

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### Bio

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#### INSTITUTE AFFILIATIONS

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

#### STANFORD ADVISORS

- Crystal Mackall, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Enhanced safety and efficacy of protease-regulated CAR-T cell receptors.** *Cell*  
Labanieh, L., Majzner, R. G., Klysz, D., Sotillo, E., Fisher, C. J., Vilches-Moure, J. G., Pacheco, K. Z., Malipatlolla, M., Xu, P., Hui, J. H., Murty, T., Theruvath, J., Mehta, et al  
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- **Transient rest restores functionality in exhausted CAR-T cells through epigenetic remodeling.** *Science (New York, N.Y.)*  
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- **An engineered antibody binds a distinct epitope and is a potent inhibitor of murine and human VISTA.** *Scientific reports*  
Mehta, N., Maddineni, S., Kelly, R. L., Lee, R. B., Hunter, S. A., Silberstein, J. L., Parra Sperberg, R. A., Miller, C. L., Rabe, A., Labanieh, L., Cochran, J. R.  
2020; 10 (1): 15171

- **Rapid Detection of beta-Lactamase-Producing Bacteria Using the Integrated Comprehensive Droplet Digital Detection (IC 3D) System.** *Sensors (Basel, Switzerland)*  
Li, Y., Cherukury, H., Labanieh, L., Zhao, W., Kang, D.  
2020; 20 (17)
- **Novel NanoLuc substrates enable bright two-population bioluminescence imaging in animals.** *Nature methods*  
Su, Y., Walker, J. R., Park, Y., Smith, T. P., Liu, L. X., Hall, M. P., Labanieh, L., Hurst, R., Wang, D. C., Encell, L. P., Kim, N., Zhang, F., Kay, et al  
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- **Tuning the Antigen Density Requirement for CAR T Cell Activity.** *Cancer discovery*  
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- **Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors.** *Nature medicine*  
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2018
- **High-throughput screening technologies for enzyme engineering** *CURRENT OPINION IN BIOTECHNOLOGY*  
Longwell, C. K., Labanieh, L., Cochran, J. R.  
2017; 48: 196–202
- **Engineering cell sensing and responses using a GPCR-coupled CRISPR-Cas system.** *Nature communications*  
Kipniss, N. H., Dingal, P. C., Abbott, T. R., Gao, Y. n., Wang, H. n., Dominguez, A. A., Labanieh, L. n., Qi, L. S.  
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