

Michael Chavez

Ph.D. Student in Bioengineering, admitted Autumn 2017

Publications

PUBLICATIONS

- **Site-Programmable Transposition: Shifting the Paradigm for CRISPR-Cas Systems.** *Molecular cell*
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- **Distinct immune signatures in directly treated and distant tumors result from TLR adjuvants and focal ablation** *THERANOSTICS*
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2018; 8 (13): 3611–28
- **Reproducibility of High-Throughput Plate-Reader Experiments in Synthetic Biology** *ACS SYNTHETIC BIOLOGY*
Chavez, M., Ho, J., Tan, C.
2017; 6 (2): 375–80
- **Chromatin Landscape Underpinning Human Dendritic Cell Heterogeneity.** *Cell reports*
Leylek, R. n., Alcántara-Hernández, M. n., Granja, J. M., Chavez, M. n., Perez, K. n., Diaz, O. R., Li, R. n., Satpathy, A. T., Chang, H. Y., Idoyaga, J. n.
2020; 32 (12): 108180
- **Low-frequency ultrasound-mediated cytokine transfection enhances T cell recruitment at local and distant tumor sites.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Positron emission tomography imaging of novel AAV capsids maps rapid brain accumulation.** *Nature communications*
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- **Anti-CRISPR-mediated control of gene editing and synthetic circuits in eukaryotic cells.** *Nature communications*
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2019; 10 (1): 194
- **Reconfigurable Analog Signal Processing by Living Cells** *ACS SYNTHETIC BIOLOGY*
Lewis, D. D., Chavez, M., Chiu, K., Tan, C.
2018; 7 (1): 107–20
- **Synthetic microbial consortia enable rapid assembly of pure translation machinery** *NATURE CHEMICAL BIOLOGY*
Villarreal, F., Contreras-Llano, L. E., Chavez, M., Ding, Y., Fan, J., Pan, T., Tan, C.
2018; 14 (1): 29–+
- **Dynamic biomaterials: toward engineering autonomous feedback** *CURRENT OPINION IN BIOTECHNOLOGY*
Morris, E., Chavez, M., Tan, C.
2016; 39: 97–104