




Arjun Aditham

Ph.D. Student in Bioengineering, admitted Summer 2015

 Resume available Online

Bio

HONORS AND AWARDS

- Graduate Research Fellowship Program, National Science Foundation (9/2016-9/2019)
- Trainee, ChEM-H CBI Predoctoral Program, ChEM-H (9/2015-)

EDUCATION AND CERTIFICATIONS

- Master of Science, Stanford University , BIOE-MS (2018)
- BS, UC Berkeley , Bioengineering (2015)

Publications

PUBLICATIONS

- **A High-Throughput Platform for Probing Mechanisms of Transcription Factor-DNA Binding**
Aditham, A., Fordyce, P. M.
CELL PRESS.2019: 502A
- **Comprehensive, high-resolution binding energy landscapes reveal context dependencies of transcription factor binding** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Le, D. D., Shimko, T. C., Aditham, A. K., Keys, A. M., Longwell, S. A., Orenstein, Y., Fordyce, P. M.
2018; 115 (16): E3702–E3711
- **BET-seq: Binding energy topographies revealed by microfluidics and high-throughput sequencing.** *Methods in cell biology*
Aditham, A. K., Shimko, T. C., Fordyce, P. M.
2018; 148: 229–50
- **Host Actin Polymerization Tunes the Cell Division Cycle of an Intracellular Pathogen** *CELL REPORTS*
Siegrist, M. S., Aditham, A. K., Espaillat, A., Cameron, T. A., Whiteside, S. A., Cava, F., Portnoy, D. A., Bertozzi, C. R.
2015; 11 (4): 499-507
- **D-Amino Acid Chemical Reporters Reveal Peptidoglycan Dynamics of an Intracellular Pathogen** *ACS CHEMICAL BIOLOGY*
Siegrist, M. S., Whiteside, S., Jewett, J. C., Aditham, A., Cava, F., Bertozzi, C. R.
2013; 8 (3): 500-505