

Stanford



Aleena Patel

Postdoctoral Scholar, Developmental Biology

Bio

HONORS AND AWARDS

- Helen Hay Whitney-AGBT Postdoctoral Fellowship, Helen Hay Whitney Foundation & AGBT (2023-2026)
- Walter V. and Idun Berry Postdoctoral Fellowship, Stanford School of Medicine (2022-2023)
- Dean's Postdoctoral Fellowship, Stanford School of Medicine (2021-2022)
- Graduate Research Fellowship, National Science Foundation (2017-2020)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Princeton University (2021)
- Master of Arts, Princeton University (2017)
- Bachelor of Science, California Institute of Technology (Caltech) , Bioengineering (2015)

STANFORD ADVISORS

- Alistair Boettiger, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- Alistair Boettiger (4/19/2021)

Publications

PUBLICATIONS

- **ERK signaling dissolves ERF repression condensates in living embryos** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Weaver, C. J., Patel, A. L., Shvartsman, S. Y., Levine, M. S., Treen, N.
2022; 119 (9)
- **Capicua is a fast-acting transcriptional brake** *CURRENT BIOLOGY*
Patel, A. L., Zhang, L., Keenan, S. E., Rushlow, C. A., Fradin, C., Shvartsman, S. Y.
2021; 31 (16): 3639-+
- **From complex datasets to predictive models of embryonic development** *NATURE COMPUTATIONAL SCIENCE*
Dutta, S., Patel, A. L., Keenan, S. E., Shvartsman, S. Y.
2021; 1: 516-520
- **Optimizing photoswitchable MEK** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*

Patel, A. L., Yeung, E., McGuire, S. E., Wu, A. Y., Toettcher, J. E., Burdine, R. D., Shvartsman, S. Y.
2019; 116 (51): 25756-25763

- **Outstanding questions in developmental ERK signaling** *DEVELOPMENT*

Patel, A. L., Shvartsman, S. Y.
2018; 145 (14)