

Stanford



Daniel Berenson

- MD Student, expected graduation Spring 2021
- Ph.D. Student in Biology, admitted Autumn 2015
- MSTP Student

Bio

BIO

I am an MD/PhD student through the Medical Scientist Training Program. I completed my PhD in Biology in Jan Skotheim's lab for studies on cell cycle and cell size regulation, and now am completing medical school.

EDUCATION AND CERTIFICATIONS

- Doctor of Philosophy, Stanford University , BIO-PHD (2019)
- Bachelor of Science, Yale University , Molecular Biophysics & Biochem (2013)

CLERKSHIPS

- 2020 Winter - ANES 300A Anesthesia Operating Room Clerkship Anesthesia
- 2020 Winter - MED 300A Internal Medicine Core Clerkship Medicine
- 2019 Autumn - OPHT 300A Ophthalmology Clerkship Ophthalmology
- 2019 Autumn - SURG 300A Surgery Core Clerkship Surgery
- 2019 Spring - FAMMED 301A Family Medicine Core Clerkship Family & Community Medicine
- 2019 Spring - MED 303B Cardiology Clerkship Medicine
- 2019 Summer - PEDS 300A Pediatrics Core Clerkship Pediatrics

Research & Scholarship

LAB AFFILIATIONS

- Jan Skotheim, Skotheim Lab (9/1/2014)

Publications

PUBLICATIONS

- **Cell growth dilutes the cell cycle inhibitor Rb to trigger cell division.** *Science (New York, N.Y.)*
Zatulovskiy, E., Zhang, S., Berenson, D. F., Topacio, B. R., Skotheim, J. M.
2020; 369 (6502): 466–71
- **Constitutive expression of a fluorescent protein reports the size of live human cells.** *Molecular biology of the cell*
Berenson, D. F., Zatulovskiy, E., Xie, S., Skotheim, J. M.
2019: mbcE19030171
- **LMKB/MARF1 Localizes to mRNA Processing Bodies, Interacts with Ge-1, and Regulates IFI44L Gene Expression** *PLOS ONE*
Bloch, D. B., Li, P., Bloch, E. G., Berenson, D. F., Galdos, R. L., Arora, P., Malhotra, R., Wu, C., Yang, W.

2014; 9 (4)

- **Small, Highly Active DNAs That Hydrolyze DNA** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*

Gu, H., Furukawa, K., Weinberg, Z., Berenson, D. F., Breaker, R. R.

2013; 135 (24): 9121-9129

- **Insulin analogs for the treatment of diabetes mellitus: therapeutic applications of protein engineering** *YEAR IN DIABETES AND OBESITY*

Berenson, D. F., Weiss, A. R., Wan, Z., Weiss, M. A.

2011; 1243: E40-E54