

## Benjamin Topacio

Basic Life Res Scientist

Biology

### CONTACT INFORMATION

- **Alternate Contact**

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### Bio

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#### ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Biology

#### HONORS AND AWARDS

- Honorable Mention, NSF GRFP (2015)

#### PROFESSIONAL EDUCATION

- B.A., University of California, Berkeley (2011)

#### LINKS

- <http://stanford.edu/~topacio/>: <http://stanford.edu/~topacio/>

### Publications

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#### 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
- **Cyclin D-Cdk4,6 Drives Cell-Cycle Progression via the Retinoblastoma Protein's C-Terminal Helix** *MOLECULAR CELL*  
Topacio, B. R., Zatulovskiy, E., Cristea, S., Xie, S., Tambo, C. S., Rubin, S. M., Sage, J., Koivomagi, M., Skotheim, J. M.  
2019; 74 (4): 758–+
- **Cyclin D-Cdk4,6 Drives Cell-Cycle Progression via the Retinoblastoma Protein's C-Terminal Helix.** *Molecular cell*  
Topacio, B. R., Zatulovskiy, E., Cristea, S., Xie, S., Tambo, C. S., Rubin, S. M., Sage, J., Koivomagi, M., Skotheim, J. M.  
2019
- **DNA Damage Regulates Translation through beta-TRCP Targeting of CReP** *PLOS GENETICS*  
Loveless, T. B., Topacio, B. R., Vashisht, A. A., Galaang, S., Ulrich, K. M., Young, B. D., Wohlschlegel, J. A., Toczyski, D. P.  
2015; 11 (6)
- **Hst3 is turned over by a replication stress-responsive SCFCdc4 phospho-degron** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Edenberg, E. R., Vashisht, A. A., Topacio, B. R., Wohlschlegel, J. A., Toczyski, D. P.  
2014; 111 (16): 5962–5967