

Benjamin Topacio

Basic Life Research Scientist, Biology

CONTACT INFORMATION

- **Alternate Contact**

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Bio

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

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.
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- **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