Investigating the impact of an RNA-binding protein on hyphal tip localization of an mRNA in *Candida albicans*

Alaijah Rubianes, Class of 2024

Candida albicans is an opportunistic pathogenic fungus that can enter the bloodstream & internal organs, which can lead to life-threatening infections for immunocompromised people [1, 2]. Infection rate is linked to the transformation of budding yeast cells to hyphal cells [3]. Hyphal

Faculty Mentor: McBride
Funded by the Kibbe Science Fellowship
References:
1. Candida infections of the mouth, throat, and esophagus | Fungal Diseases | CDC. 2021 Feb 25. https://www.cdc.gov/fungal/diseases/candidiasis/thrush/index.html
2. Buchacz K, Lau B, Jing Y, Bosch R, Abraham AG, Gill MJ, Silverberg MJ, Goedert JJ, Sterling TR, Althoff KN, et al. Incidence of AIDS-Defining Opportunistic Infections in a Multicohort Analysis of HIV-infected Persons in the United States and Canada, 2000 2010. The Journal of Infectious Diseases. 2016;214(6):862 872. doi:10.1093/infdis/jiw085
3. Lo HJ, Köhler/F3 1bm6z K K