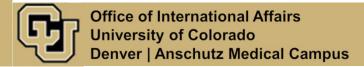


#### Basic Lab skills



### **Alexandra Poland**

# Lakshmi Sreekumar



ISCORE FA22 February 3<sup>rd</sup>, 2023 Anschutz Health Science Building



# ISCORE Spring 2023

Alexandra Poland

### My Mentor: Lakshmi Sreekumar

- Postdoc Research at University of Colorado Anschutz Medical Campus
- Background in molecular genetics, microbiology, and molecular biology (PhD focus)
- Works in the Cooper lab under Dr. Julia Cooper
- Studies the model organism Schizosaccharomyces pombe
- Knocks out and manipulates genes to better understand how stress affects telomeres
- Fantastic rock climbing buddy and mentor ©





### **Activities Done**

- Dinner w/ Lakshmi + colleagues @ new science building
- Rock climbing!
- Shadowed + Lab Activities





## Lab Skills Applied

- PCR
- Gel Electrophoresis
- Agarose Gel Preparation
- Plating Bacteria
- Dilution
- DNA Extraction



