

## Basic Lab skills



# Alexandra Poland

# Lakshmi Sreekumar



Office of International Affairs  
University of Colorado  
Denver | Anschutz Medical Campus

ISCORE FA22  
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Anschutz Health Science Building



# ISCORE

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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

