

Ideas for Animations

I. Western blotting

All steps of western blotting - see reference library steps

Use WGBH/Digizyme video on DNA electrophoresis as a template

- Lysate preparation - how detergent works, etc
- Gel preparation - how gel works,
- Loading gel
- Running gel - how proteins moving through a gel
- Transfer: proteins transferring from gel to membrane
- Blotting with antibodies
- Exposure

II. Flow Cytometry

Get ideas from Invitrogen series of videos/resources

- What is flow cytometry?
- Running samples through a flow cytometer and collecting data

III. Microscopy

Get ideas from Nikon MicroscopeU

IV. General Ideas

Antibodies

Fluorescence

For Scope of Work

1. List of videos with major points to include:

- Include level of details of the visuals --> provide level of complexity that we are looking for with online examples.

Resources

SDS: <http://bitesizebio.com/articles/how-sds-page-works/>

<http://dynamoidapps.com/>

<http://www.labster.com/>