**StarCellBio Microscopy Exercise**

**EXPERIMENT SET-UP**

*Strains*:

*p53+/+; Rb+/+*

*p53fl/fl; Rbfl/fl*

*Treatments*:

Adenovirus-Cre

Adenovirus-Empty

*Treatment Concentration/Dose*:

108 PFU

*Treatment start time*:

6 weeks

*Collection Timepoints*:

3 months

6 months

1 year

**MICROSCOPY**

*Slide type*:

Antibody labeling - IF

Antibody labeling – IHC

Dye Stain

*Dye Conditions*:

* H&E

*IF Staining Conditions (radio button):*

* NFIB (red), DAPI (blue), control (green)

*IHC Staining Conditions (radio buttons)*:

* NFIB
* Ki-67
* Secondary only control

**RESULTS**

*p53fl/fl; Rbfl/fl* treated with Adeno-Cre -> see images in 3 month, 6 month, and 1 year timepoint folders

*p53+/+; Rb+/+* treated with Adeno-Empty or Adeno-Cre OR *p53fl/fl; Rbfl/fl* strains treated with Adeno-Empty -> see normal lung images