

i/p data set  $\rightarrow$  image divided into tiles of equal dimensions supported by unets (Patches)

$\downarrow$   
Initial pre-processing.  
(Annotation [we have to create test data & training data])  
 $\downarrow$   
Label data)

$\downarrow$   
we need to identify nucleus from patch  
(Annotation)

(Target black spots on image)  
(these are the nucleus)

Ques: which tool is best for annotation.

give this data set as training data set to the UNET.  
 $\rightarrow$  Target single cells.

Then, check accuracy.

[Do annotation & create training data set.]

$\hookrightarrow$  To do.

Study: How many layers do we have to provide to the UNET.

Synopsis: we don't have data set yet.

[Target for midsem: Annotation, then proceed to training.]